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recombinant rat cytokines

rr BD-1
(Beta Defensin-1)

Catalog#	Biol.Activity	Size	Price
13344030	biologically active	5 µg	49 EUR
13344034	biologically active	20 µg	139 EUR

rr BD-3
(Beta Defensin-3)

Catalog#	Biol.Activity	Size	Price
13344050	4 – 20 µg/ml	5 µg	49 EUR
13344054	4 – 20 µg/ml	20 µg	139 EUR

rr BD-4
(Beta Defensin-4)

Catalog#	Biol.Activity	Size	Price
13344060	5 – 50 µg/ml	5 µg	49 EUR
13344064	5 – 50 µg/ml	20 µg	139 EUR

rr CCL2
(Monocyte Chemotactic Protein-1 / MCP-1)

Catalog#	Biol.Activity	Size	Price
13343382	1 -10 ng/ml	2 µg	42 EUR
13343383	1 -10 ng/ml	10 µg	119 EUR
13343385	1 -10 ng/ml	50 µg	359 EUR

rr CCL5
(RANTES)

Catalog#	Biol.Activity	Size	Price
13343190	1 - 10 ng/ml	5 µg	42 EUR
13343194	1 - 10 ng/ml	20 µg	119 EUR

rr CNTF
(Ciliary Neurotrophic Factor)

Catalog#	Biol.Activity	Size	Price
13343420	biologically active	5 µg	42 EUR
13343424	biologically active	25 µg	119 EUR

rr CX3CL1
(Fractalkine)

Catalog#	Biol.Activity	Size	Price
13345260	> 1 x 10 ⁵ IU/mg	5 µg	49 EUR
13345264	> 1 x 10 ⁵ IU/mg	20 µg	139 EUR

rr CXCL12a
(Stromal Cell-Derived Factor-1 alpha / SDF-1alpha)

Catalog#	Biol.Activity	Size	Price
13343362	biologically active	2 µg	29 EUR
13343363	biologically active	10 µg	79 EUR
13343365	biologically active	50 µg	209 EUR
13343367	biologically active	250 µg	599 EUR
13343368	biologically active	1000 µg	1799 EUR

rr CXCL12b
(SDF-1b, Stromal Cell-Derived Factor-1beta)

Catalog#	Biol.Activity	Size	Price
13343932	100 – 150 ng/ml	2 µg	39 EUR
13343933	100 – 150 ng/ml	10 µg	99 EUR

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rr FGF-a / FGF-1

(Fibroblast Growth Factor-acidic)

Catalog#	Biol.Activity	Size	Price
13343553	5 x 10 ⁶ IU/mg	10 µg	49 EUR
13343555	5 x 10 ⁶ IU/mg	50 µg	139 EUR

rr FGF-b / FGF-2

(Fibroblast Growth Factor-basic)

Catalog#	Biol.Activity	Size	Price
13343623	5 x 10 ⁶ IU/mg	10 µg	29 EUR
13343625	5 x 10 ⁶ IU/mg	50 µg	79 EUR
13343627	5 x 10 ⁶ IU/mg	250 µg	209 EUR
13343628	5 x 10 ⁶ IU/mg	1000 µg	799 EUR

rr FGF-21

(Fibroblast Growth Factor-21)

Catalog#	Biol.Activity	Size	Price
13345270	> 1,4 x 10 ³ IU/mg	5 µg	49 EUR
13345274	> 1,4 x 10 ³ IU/mg	20 µg	139 EUR

rr FKN

(Fractalkine / CX3CL1)

Catalog#	Biol.Activity	Size	Price
13345260	> 1 x 10 ⁵ IU/mg	5 µg	49 EUR
13345264	> 1 x 10 ⁵ IU/mg	20 µg	139 EUR

rr GM-CSF

(Granulocyte-Macrophage CSF)

Catalog#	Biol.Activity	Size	Price
13343122	1 x 10 ⁸ IU/mg	2 µg	25 EUR
13343123	1 x 10 ⁸ IU/mg	10 µg	55 EUR
13343125	1 x 10 ⁸ IU/mg	50 µg	149 EUR
13343127	1 x 10 ⁸ IU/mg	250 µg	449 EUR
13343128	1 x 10 ⁸ IU/mg	1000 µg	1249 EUR

rr GMFB

(Glia Maturation Factor Beta)

Catalog#	Biol.Activity	Size	Price
13344962	10 – 100 ng/ml	2 µg	49 EUR
13344963	10 – 100 ng/ml	10 µg	139 EUR

rr IFN-gamma

(Interferon gamma)

Catalog#	Biol.Activity	Size	Price
13343534	1 x 10 ⁷ IU/mg	20 µg	39 EUR
13343536	1 x 10 ⁷ IU/mg	100 µg	99 EUR
13343537	1 x 10 ⁷ IU/mg	500 µg	399 EUR

rr IL1F1

(Interleukin-1alpha / IL-1alpha)

Catalog#	Biol.Activity	Size	Price
13349012	2 x 10 ⁸ IU/mg	2 µg	25 EUR
13349013	2 x 10 ⁸ IU/mg	10 µg	59 EUR
13349015	2 x 10 ⁸ IU/mg	50 µg	179 EUR
13349017	2 x 10 ⁸ IU/mg	250 µg	529 EUR
13349018	2 x 10 ⁸ IU/mg	1000 µg	1529 EUR

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rr IL1F2
(Interleukin-1beta / IL-1beta)

Catalog#	Biol.Activity	Size	Price
13340012	< 1 ng/ml	2 µg	49 EUR
13340013	< 1 ng/ml	10 µg	139 EUR

rr IL1F11
(Interleukin-33)

Catalog#	Biol.Activity	Size	Price
13340332	< 0.5 ng/ml	2 µg	49 EUR
13340333	< 0.5 ng/ml	10 µg	139 EUR

rr IL-1alpha
(Interleukin-1alpha / IL1F1)

Catalog#	Biol.Activity	Size	Price
13349012	2 x 10 ⁸ IU/mg	2 µg	25 EUR
13349013	2 x 10 ⁸ IU/mg	10 µg	59 EUR
13349015	2 x 10 ⁸ IU/mg	50 µg	179 EUR
13349017	2 x 10 ⁸ IU/mg	250 µg	529 EUR
13349018	2 x 10 ⁸ IU/mg	1000 µg	1529 EUR

rr IL-1beta
(Interleukin-1beta / IL1F2)

Catalog#	Biol.Activity	Size	Price
13340012	< 1 ng/ml	2 µg	49 EUR
13340013	< 1 ng/ml	10 µg	139 EUR

rr IL-2
(Interleukin-2)

Catalog#	Biol.Activity	Size	Price
13340020	5 x 10 ⁶ IU/mg	5 µg	25 EUR
13340024	5 x 10 ⁶ IU/mg	20 µg	59 EUR
13340026	5 x 10 ⁶ IU/mg	100 µg	179 EUR
13340027	5 x 10 ⁶ IU/mg	500 µg	559 EUR

rr IL-3
(Interleukin-3)

Catalog#	Biol.Activity	Size	Price
13340032	1 x 10 ⁵ IU/mg	2 µg	49 EUR
13340033	1 x 10 ⁵ IU/mg	10 µg	139 EUR
13340035	1 x 10 ⁵ IU/mg	50 µg	399 EUR

rr IL-4
(Interleukin-4)

Catalog#	Biol.Activity	Size	Price
13340042	biologically active	2 µg	25 EUR
13340043	biologically active	10 µg	55 EUR
13340045	biologically active	50 µg	169 EUR
13340047	biologically active	250 µg	529 EUR

rr IL-5
(Interleukin-5)

Catalog#	Biol.Activity	Size	Price
13340052	0.3 -1.0 ng/ml	2 µg	49 EUR
13340053	0.3 -1.0 ng/ml	10 µg	139 EUR

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[rr IL-6](#)
([Interleukin-6](#))

Catalog#	Biol.Activity	Size	Price
13340062	0.03 -0.1 ng/ml	2 µg	25 EUR
13340063	0.03 -0.1 ng/ml	10 µg	55 EUR
13340065	0.03 -0.1 ng/ml	50 µg	159 EUR
13340067	0.03 -0.1 ng/ml	250 µg	519 EUR

[rr IL-10](#)
([Interleukin-10](#))

Catalog#	Biol.Activity	Size	Price
13340102	< 10 ng/ml	2 µg	25 EUR
13340103	< 10 ng/ml	10 µg	55 EUR
13340105	< 10 ng/ml	50 µg	169 EUR
13340107	< 10 ng/ml	250 µg	529 EUR

[rr IL-12](#)
([Interleukin-12](#))

Catalog#	Biol.Activity	Size	Price
13340122	0.01 – 0.05 ng/ml	2 µg	42 EUR
13340123	0.01 – 0.05 ng/ml	10 µg	119 EUR

[rr IL-13](#)
([Interleukin-13](#))

Catalog#	Biol.Activity	Size	Price
13340132	2 - 6 ng/ml	2 µg	42 EUR
13340133	2 - 6 ng/ml	10 µg	119 EUR

[rr IL-15](#)
([Interleukin-15](#))

Catalog#	Biol.Activity	Size	Price
13340152	1 x 10 ⁵ IU/mg	2 µg	42 EUR
13340153	1 x 10 ⁵ IU/mg	10 µg	119 EUR

[rr IL-17](#)
([Interleukin-17](#))

Catalog#	Biol.Activity	Size	Price
13340170	30 ng/ml	5 µg	49 EUR
13340174	30 ng/ml	25 µg	139 EUR

[rr IL-21](#)
([Interleukin-21](#))

Catalog#	Biol.Activity	Size	Price
13340212	biologically active	2 µg	49 EUR
13340213	biologically active	10 µg	139 EUR

[rr IL-22](#)
([Interleukin-22](#))

Catalog#	Biol.Activity	Size	Price
13340222	biologically active	2 µg	19 EUR
13340223	biologically active	10 µg	39 EUR
13340225	biologically active	50 µg	139 EUR
13340227	biologically active	250 µg	449 EUR

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rr IL-33
(Interleukin-33/IL1F11)

Catalog#	Biol.Activity	Size	Price
13340332	< 0.5 ng/ml	2 µg	49 EUR
13340333	< 0.5 ng/ml	10 µg	139 EUR

rr Leptin
(Anti-Obesity Protein)

Catalog#	Biol.Activity	Size	Price
13347007	biologically active	200 µg	42 EUR

rr MCP-1
(Monocyte Chemotactic Protein-1 / CCL2)

Catalog#	Biol.Activity	Size	Price
13343382	1 -10 ng/ml	2 µg	42 EUR
13343383	1 -10 ng/ml	10 µg	119 EUR
13343385	1 -10 ng/ml	50 µg	359 EUR

rr M-CSF
(Macrophage Colony Stimulating Factor)

Catalog#	Biol.Activity	Size	Price
13343112	3 – 4 ng/ml	2 µg	42 EUR
13343113	3 – 4 ng/ml	10 µg	119 EUR

rr RANTES
(CCL5)

Catalog#	Biol.Activity	Size	Price
13343190	1 - 10 ng/ml	5 µg	42 EUR
13343194	1 - 10 ng/ml	20 µg	119 EUR

rr SCF
(Stem Cell Factor)

Catalog#	Biol.Activity	Size	Price
13343322	> 1 x 10 ⁵ IU/mg	2 µg	29 EUR
13343323	> 1 x 10 ⁵ IU/mg	10 µg	79 EUR
13343325	> 1 x 10 ⁵ IU/mg	50 µg	219 EUR
13343327	> 1 x 10 ⁵ IU/mg	250 µg	589 EUR

rr SDF-1a
(Stromal Cell-Derived Factor-1 alpha / CXCL12a)

Catalog#	Biol.Activity	Size	Price
13343362	biologically active	2 µg	29 EUR
13343363	biologically active	10 µg	79 EUR
13343365	biologically active	50 µg	209 EUR
13343367	biologically active	250 µg	599 EUR
13343368	biologically active	1000 µg	1799 EUR

rr SDF-1b
(Stromal Cell-Derived Factor-1beta / CXCL12b)

Catalog#	Biol.Activity	Size	Price
13343932	100 – 150 ng/ml	2 µg	39 EUR
13343933	100 – 150 ng/ml	10 µg	99 EUR

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rr TNF-a
(Tumor Necrosis Factor-alpha)

Catalog#	Biol.Activity	Size	Price
13343010	2 x 10 ⁷ IU/mg	5 µg	29 EUR
13343014	2 x 10 ⁷ IU/mg	20 µg	79 EUR
13343016	2 x 10 ⁷ IU/mg	100 µg	219 EUR
13343017	2 x 10 ⁷ IU/mg	500 µg	629 EUR

rr VEGF-A
(Vascular Endothelial Growth Factor-A)

Catalog#	Biol.Activity	Size	Price
13343662	biologically active	2 µg	25 EUR
13343663	biologically active	10 µg	55 EUR
13343665	biologically active	50 µg	199 EUR
13343667	biologically active	250 µg	599 EUR

rr VEGF-C
(Vascular Endothelial Growth Factor C)

Catalog#	Biol.Activity	Size	Price
13344672	200-300 ng/ml	2 µg	29 EUR
13344673	200-300 ng/ml	10 µg	89 EUR
13344675	200-300 ng/ml	50 µg	319 EUR

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