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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	biologically active	5 µg	49 EUR
13344054	biologically active	20 µg	139 EUR

rr BD-4
(Beta Defensin-4)

Catalog#	Biol.Activity	Size	Price
13344060	biologically active	5 µg	49 EUR
13344064	biologically active	20 µg	139 EUR

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

Catalog#	Biol.Activity	Size	Price
13343382	10 -1000 ng/ml	2 µg	42 EUR
13343383	10 -1000 ng/ml	10 µg	119 EUR
13343385	10 -1000 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	> 1 x 10 ⁵ IU/mg	2 µg	29 EUR
13343363	> 1 x 10 ⁵ IU/mg	10 µg	79 EUR
13343365	> 1 x 10 ⁵ IU/mg	50 µg	209 EUR
13343367	> 1 x 10 ⁵ IU/mg	250 µg	599 EUR
13343368	> 1 x 10 ⁵ IU/mg	1000 µg	1799 EUR

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

Catalog#	Biol.Activity	Size	Price
13343932		2 µg	39 EUR
13343933		10 µg	99 EUR

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rr FGF-a / FGF-1

(Fibroblast Growth Factor-acidic)

Catalog#	Biol.Activity	Size	Price
13343553		10 µg	49 EUR
13343555		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

(Glial Maturation Factor Beta)

Catalog#	Biol.Activity	Size	Price
13344962		2 µg	49 EUR
13344963		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	0.2 – 0.5 ng/ml	2 µg	49 EUR
13340013	0.2 – 0.5 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-1 alpha
(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-1 beta
(Interleukin-1beta / IL1F2)

Catalog#	Biol.Activity	Size	Price
13340012	0.2 – 0.5 ng/ml	2 µg	49 EUR
13340013	0.2 – 0.5 ng/ml	10 µg	139 EUR

rr IL-2
(Interleukin-2)

Catalog#	Biol.Activity	Size	Price
13340020	2 x 10 ⁶ IU/mg	5 µg	25 EUR
13340024	2 x 10 ⁶ IU/mg	20 µg	59 EUR
13340026	2 x 10 ⁶ IU/mg	100 µg	179 EUR
13340027	2 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	1 x 10 ⁸ IU/mg	2 µg	25 EUR
13340063	1 x 10 ⁸ IU/mg	10 µg	55 EUR
13340065	1 x 10 ⁸ IU/mg	50 µg	159 EUR
13340067	1 x 10 ⁸ IU/mg	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	1 x 10 ⁷ IU/mg	2 µg	42 EUR
13340123	1 x 10 ⁷ IU/mg	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	> 0.5 x 10 ⁵ IU/mg	2 µg	42 EUR
13340153	> 0.5 x 10 ⁵ IU/mg	10 µg	119 EUR

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

Catalog#	Biol.Activity	Size	Price
13340170	biologically active	5 µg	49 EUR
13340174	biologically active	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
13343700	> 1 x 10 ⁵ IU/mg	200 µg	42 EUR

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

Catalog#	Biol.Activity	Size	Price
13343382	10 -1000 ng/ml	2 µg	42 EUR
13343383	10 -1000 ng/ml	10 µg	119 EUR
13343385	10 -1000 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	> 1 x 10 ⁵ IU/mg	2 µg	29 EUR
13343363	> 1 x 10 ⁵ IU/mg	10 µg	79 EUR
13343365	> 1 x 10 ⁵ IU/mg	50 µg	209 EUR
13343367	> 1 x 10 ⁵ IU/mg	250 µg	599 EUR
13343368	> 1 x 10 ⁵ IU/mg	1000 µg	1799 EUR

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

Catalog#	Biol.Activity	Size	Price
13343932		2 µg	39 EUR
13343933		10 µg	99 EUR

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rr TNF-a
(Tumor Necrosis Factor-alpha)

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

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

Catalog#	Biol.Activity	Size	Price
13343662	2.0 – 8.0 ng/ml	2 µg	25 EUR
13343663	2.0 – 8.0 ng/ml	10 µg	55 EUR
13343665	2.0 – 8.0 ng/ml	50 µg	199 EUR
13343667	2.0 – 8.0 ng/ml	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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