

Recombinant Human Interleukin 6 Soluble Receptor (rh sIL-6R / CD126)

Synonyms: IL6R-alpha, Interleukin 6 receptor, Interleukin 6 receptor alpha subunit, B cell stimulatory factor-2, Membrane glycoprotein 80

Introduction: The IL-6 receptor complex is composed of two membrane glycoproteins: the low affinity receptor and the signaltransducing component. The soluble form of IL6R is found in the urine of healthy adult humans and the serum of HIV positive individuals as well as in the cell culture supernatants of stimulated PBMC's. This soluble form of IL6R results from either proteolytic cleavage from the membrane, or an isoform derived splice variant.

Description: Recombinant human sIL-6R produced in E.Coli is a single, non-glycosylated polypeptide chain containing 338 amino acids (20-357) corresponding to the mature IL-6R protein, having a molecular weight of 42.25 kDa, with an aminoterminal hexahistidine tag.

The sIL6R is purified by proprietary chromatographic techniques.

Source: *Escherichia Coli*.

Physical Appearance: Sterile filtered clear solution.

Formulation: supplied in 20mM Tris-HCl, 0.8M Urea and 50% glycerol, pH 8.0

Stability: Store at 4°C if entire vial will be used within 2-4 weeks.
Store frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Purity: Greater than 90.0% as determined by SDS-PAGE.

This material is offered for **research only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

<i>small</i>	5 µg	Cat.N°	11349060
<i>medium</i>	20 µg	Cat.N°	11349064

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