



## Interleukin-6 Receptor alpha, soluble, His Tag, human recombinant (rHusIL-6R-His)

**Catalog No:** 94917  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** IL6R-alpha, CD126, IL-6R 1, CD126 antigen, IL6RA, Interleukin 6 receptor, Interleukin 6 receptor alpha subunit, Interleukin-6 receptor alpha chain precursor, B cell stimulatory factor-2, Membrane glycoprotein 80, gp80, IL-6R, MGC104991

### Background

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

sIL-6R human recombinant 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 N-terminal hexahistidine tag. sIL6R is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution (0,18 ng/ml).

### Formulation

The CD126 His Tag protein is supplied in 20 mM Tris-HCl, pH 8.0, 0.8 M urea and 50% glycerol.

### 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.

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**

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