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**Product Data Sheet**

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Product Name: sIL 6R Human

Cat. No.: GP20525

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Formulation	CD126 His-Tag protein is supplied in 20mM Tris-HCl, pH 8.0, 0.8M Urea & 50% glycerol.		

**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 PBMCs. This soluble form of IL6R results from either proteolytic cleavage from the membrane, or an isoform derived splice variant.

**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.

**Background**

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 aminoterminal hexahistidine tag. The sIL6R is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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