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sIL 6R Human

Catalog #:CYPS-293

For research use only.

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

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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

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

Formulation:

CD126 His-Tag protein is supplied in 20mM Tris-HCl, pH 8.0, 0.8M Urea & 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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