

32-17609: Recombinant Human IL6R Protein, hFc Tag

Uniprot ID : P08887

Alternative Name : CD126, gp80, IL-6R-1, IL-6RA, IL6Q, IL6RA, IL6RQ

Description

Molecular Characterization: IL6R(Leu20-Pro365) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 64.7 kDa after removal of the signal peptide. The apparent molecular mass of IL6R-hFc is approximately 70-100 kDa due to glycosylation.

Description: Recombinant Human IL6R with C-terminal human Fc tag

This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. A pseudogene of this gene is found on chromosome 9.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.