

Recombinant human IL-6R protein, C-His-Avi (HEK293), Biotin conjugated

Catalog Number: bs-47135P-Bio

Concentration: >0.5 mg/ml

AA Seq: 20-365/468

Predicted MW: 41.4

Detected MW: Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.

Tags: C-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >94% as determined by SEC-HPLC

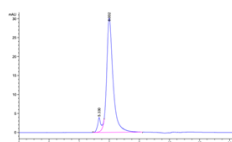
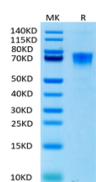
Purification: AC

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. The protein encoded by this gene is a subunit of the receptor complex for IL6. 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. [provided by RefSeq].

VALIDATION IMAGES



Recombinant IL-6R alpha Protein on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

The purity of IL-6R alpha Protein is greater than 94% as determined by SEC-HPLC