

---

**Recombinant Human Interleukin-6 receptor subunit alpha Protein****Cat.NO.: TP05184**

3th Edition

**Synonyms:**Interleukin-6 receptor subunit alpha;IL-6R subunit alpha;IL-6R-alpha;IL-6R 1;Membrane glycoprotein 80;gp80;CD126

**Description:**Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. IL6Ra is a part of the receptor for interleukin 6 cytokine. IL6Ra binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitates an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer.

**Form:**PBS

**Molecular Weight:**38.9 kDa

**Sequences:**Leu20-Asp358

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.