



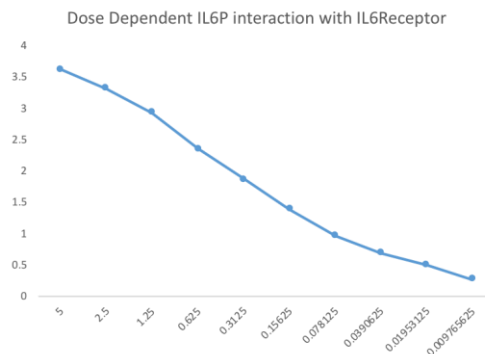
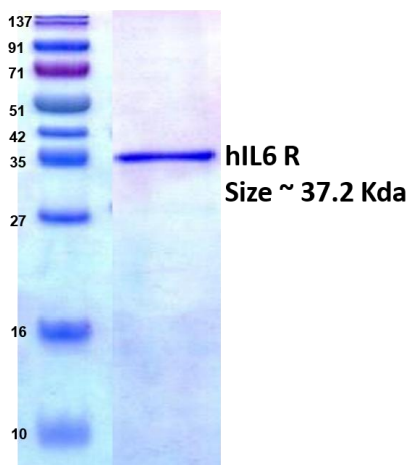
Recombinant Human IL-6 Receptor Protein

Interleukin 6 receptor (IL-6R) also known as CD126 (Cluster of Differentiation 126) is a type I cytokine receptor. The low concentration of a soluble form of IL-6 receptor (sIL-6R) acts as an agonist of IL-6 activity. In the IL-6R/CD126/IL6R system, both a membrane-bound IL-6R and a sIL-6R protein are able to mediate IL-6 signals into the cells through the interaction of gp130. Recombinant Human Interleukin 6 receptor is used in several disease research area such as several chronic inflammatory and autoimmune diseases as well as in cancer.

Product Details

Catalog no.	RIL002
Molecular weight	37.2kDa
Amino acid sequence	GLVPRGSHMASPRRCPAQEVARGLVLTSLPGDSVTLTCLPGVEPEDNATVHWVLRKPAAGSHPSRWAGMG RRLLLRSVQLHDSGNYSCYRAGRPAGTVHLLVDVPPPEPQLSCFRKSPNSNVCEWGRSTPSLTTKAVLLVR KFQNSPAEDFQEPQYSQESQKFCQQLAVPEGDSSFYIVSMCVASSVGSKFSKTQTFQCGILQPDPPANIT VTAVARNPRWLSVTWQDPHSWNSSFYRLRFELRYRAERSKTFTTWMVKDLQHHCVIHDAWSGLRHVVQ LRAQEEFGQGEWSEWSPE
Host	E.coli
Formulation	Tris + 2.5% Glycerol
Conjugate/ Tag	C- terminus 6 X His tag
Purity	> 96% Purity, purified by Ni NTA and determined by SDS-PAGE
Form	Liquid/ Lyophilized
Activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human IL-6R 2µg/ml (100µl/well) can bind recombinant human IL6P with a linear range of 1.25-20.0ng/ml.
Applications	Research in inflammation and autoimmune diseases
Storage	Store at -20°C and avoid freeze thaw. Stable for 12 months from the date of receipt if kept at recommended temperature
Suggested working dilution	The optimal concentration should be determined for each specific application.
Research use	For Research Use Only. Not for use in diagnostic procedures.

SDS PAGE Gel image of IL-6 R protein



Binding of different concentration of IL6P with IL6R in a functional ELISA. Immobilized recombinant human IL6R 2µg/ml (100µl/well) can bind recombinant human IL6P with a linear range of 1.25-20.0ng/ml.