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# IL6RA Protein (Fc Tag,ECD)



Image



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#### Overview

Quantity:	100 μg
Target:	IL6RA
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL6RA protein is labelled with Fc Tag,ECD.

### **Product Details**

Purpose:	Recombinant Rat IL6RA/CD126 Protein (Fc tag, ECD)
Sequence:	Met1-Pro364
Characteristics:	A DNA sequence encoding the rat IIfr (NP_058716.2) (Met1-Pro364) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	$<$ 1.0 EU per $\mu g$ protein as determined by the LAL method.

# **Target Details**

Target:	IL6RA
Alternative Name:	IL6RA/CD126 (IL6RA Products)
Background:	Background: 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-

#### **Target Details**

6R and a sIL-6R protein are able to mediate IL-6 signals into the cells through the interaction of gp130. The resulting IL-6/sIL-6R protein complex is also capable of binding to gp130 and inducing intracellular signalling. Through this so-called 'trans-signalling' mechanism, IL-6 is able to stimulate cells that lack an endogenous mIL-6R. High levels of IL-6 and sIL-6R have been reported in several chronic inflammatory and autoimmune diseases as well as in cancer.Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy Synonym: Il6ra;IL-6R

Molecular Weight: 64.8 kDa

NCBI Accession: NP\_058716

Pathways: JAK-STAT Signaling, Autophagy, Growth Factor Binding, Cancer Immune Checkpoints

# **Application Details**

Restrictions: For Research Use only

#### Handling

Reconstitution:

Please refer to the printed manual for detailed information.

Buffer:

Lyophilized from sterile PBS, pH 7.4

Storage:

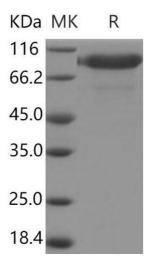
4 °C,-20 °C,-80 °C

Storage Comment:

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C.

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Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



# **Western Blotting**

Image 1.