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Datasheet for ABIN7321060  
**IL6RA Protein (His tag,ECD)**

1 Image

Overview

Quantity:	50 µg
Target:	IL6RA
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL6RA protein is labelled with His tag,ECD.

Product Details

Purpose:	Recombinant Rat IL6RA/CD126 Protein (ECD, His Tag)(Active)
Sequence:	Met1-Pro364
Characteristics:	A DNA sequence encoding the rat Il6r (NP_058716.2) (Met1-Pro364) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg protein as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind human IL6 in functional ELISA.

Target Details

Target:	IL6RA
Alternative Name:	IL6RA/CD126 ( <a href="#">IL6RA Products</a> )

## Target Details

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Background:	<p>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-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.</p> <p>Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy</p> <p>Synonym: Il6ra;IL-6R</p>
Molecular Weight:	39.5 kDa
NCBI Accession:	<a href="#">NP_058716</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Autophagy</a> , <a href="#">Growth Factor Binding</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

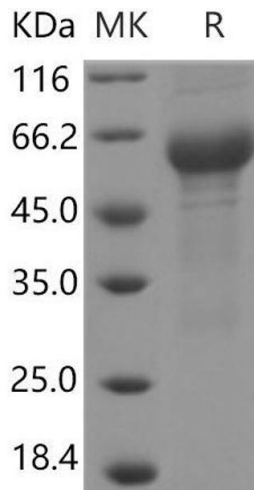
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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
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. 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.**