



[Go to Product page](#)

Datasheet for ABIN7505654  
**IL6RA Protein (AA 1-365) (His tag)**

### Overview

Quantity:	100 µg
Target:	IL6RA
Protein Characteristics:	AA 1-365
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL6RA protein is labelled with His tag.

### Product Details

Sequence:	Met1-Pro365
Characteristics:	A DNA sequence encoding the Human IL-6R protein (P08887) (Met1-Pro365) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	IL6RA
Alternative Name:	IL6RA ( <a href="#">IL6RA Products</a> )
Background:	Abbreviation: IL6RA,CD126 Target Synonym: Interleukin-6 receptor subunit alpha,IL-6R subunit alpha,IL-6R-alpha,IL-6R 1,Membrane glycoprotein 80,gp80,CD126,IL-6R,IL-6R-1,IL-6RA,IL6Q,IL6RQ Background: Interleukin 6 receptor (IL-6R) also known as CD126 (Cluster of Differentiation 126)

## Target Details

---

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.

---

Molecular Weight: Calculated MW: 40.04 kDa  
Observed MW: 70 kDa

---

UniProt: [P08887](#)

---

Pathways: [JAK-STAT Signaling](#), [Autophagy](#), [Growth Factor Binding](#), [Cancer Immune Checkpoints](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.  
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

---

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.

---

Expiry Date: 12 months