

# Human gp130/CD130 recombinant protein



Catalog Number: 503146

## General Information

### Gene Name Synonym

CDw130; Interleukin-6 signal transducer;  
Membrane glycoprotein 130; Oncostatin-M  
receptor subunit alpha

### Protein Construction

A DNA sequence encoding the human IL6RB  
(NP\_002175.2)(Met1-Ile618) was expressed with  
six amino acids (ENLYFQ) at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by  
the LAL method

### Stability

Samples are stable for up to twelve months from  
date of receipt at -70°C

### Predicted N terminal

Glu 23

### Molecular Mass

The recombinant human IL6RB consists of 603  
amino acids and predicts a molecular mass of 68.6  
KDa. It migrates as an approximately 69-99 KDa  
band in SDS-PAGE under reducing conditions due  
to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as  
protectants before lyophilization.
2. Please contact us for any concerns or special  
requirements.

## Usage Guide

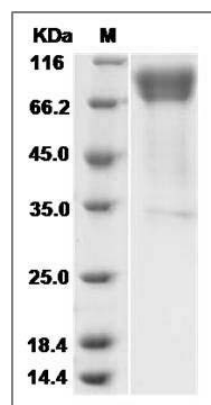
### Storage

Store it under sterile conditions at -20°C to -80°C.  
It is recommended that the protein be aliquoted  
for optimal storage. Avoid repeated freeze-thaw  
cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of  
0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human IL6ST / gp130 / CD130 Protein SDS-PAGE