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Datasheet for ABIN7504345

## CD130/gp130 Protein (AA 23-619) (His tag)



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Quantity:	100 μg
Target:	CD130/gp130 (IL6ST)
Protein Characteristics:	AA 23-619
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD130/gp130 protein is labelled with His tag.

#### **Product Details**

Purpose:	Human gp130/CD130/IL-6 R beta Protein	
Sequence:	Glu23-Glu619	
Characteristics:	Recombinant Human gp130/CD130/IL-6 R beta Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Glu23-Glu619.	
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC	
Sterility:	0.22 μm filtered	
Endotoxin Level:	Less than 1EU per μg by the LAL method.	

#### **Target Details**

Target:	CD130/gp130 (IL6ST)
Alternative Name:	gp130 (IL6ST Products)

### **Target Details**

Expiry Date:

12 months

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Background:	Gp130 is a common signal transducing component of the functional receptor complexes for the interleukin (IL)-6 family of cytokines, ie, IL-6, IL-11, leukemia inhibitory factor (LIF), oncostatin M, ciliary neurotrophic factor, and cardiotrophin-1. These cytokines exhibit pleiotropic biological activities in, for instance, immune, hematopoietic, and neural systems, and function in a redundant manner owing to the shared usage of gp130.	
Molecular Weight:	68.94 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Tris-Bis PAGE result.	
Pathways:	JAK-STAT Signaling, Cellular Glucan Metabolic Process, Autophagy, Smooth Muscle Cell Migration, Cancer Immune Checkpoints	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.	
Buffer:	Lyophilized from 0.22 $\mu m$ filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.	
Storage:	-20 °C,-80 °C	
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.	
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