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CD130/gp130 Protein (AA 47-644) (His tag)



Overview

Quantity:	100 μg
Target:	CD130/gp130 (IL6ST)
Protein Characteristics:	AA 47-644
Origin:	Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD130/gp130 protein is labelled with His tag.

Product Details

Purpose:	Rhesus macaque gp130/CD130/IL-6 R beta Protein
Sequence:	Glu47-Ala644
Characteristics:	Recombinant Rhesus macaque gp130/CD130/IL-6 R beta Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Glu47-Ala644.
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

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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:	69.09 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.
UniProt:	F7FXB6
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:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months