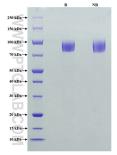
For Research Use Only Recombinant Human gp130/IL6ST protein (His Tag)

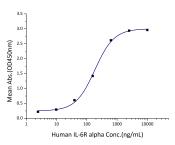


Catalog Number: Eg0654

Basic Information	<mark>Species:</mark> Human	Purity: >95 %, SDS-PAGE	Tag: His Tag
	EC50: 90-370 ng/mL		
Technical Specifications	Purity: >95 %, SDS-PAGE		
	Endotoxin Level: <0.1 EU/ µ g protein, LAL method		
	Source: HEK293-derived Human gp130 protein Glu23-lle618 (Accession# P40189-1) with a His tag at the C-terminus.		
	GenelD: 3572		
	Accession: P40189-1		
	Predicted Molecular Mass: 68.5 kDa		
	SDS-PAGE: 80-100 kDa, reducing (R) conditio	ns	
	Formulation: Lyophilized from 0.22 µm filtere protectants before lyophilizatior		y 5% trehalose and 5% mannitol are added as
Biological Activity	Immobilized Human gp130 (His tag) at 1 μ g/mL (100 μ L/well) can bind Human IL-6R alpha (Myc tag, His tag) with a linear range of 90-370 ng/mL.		
Storage and Shipping	Storage: It is recommended that the prote	in be aliquoted for optimal storag	ge. Avoid repeated freeze-thaw cycles.
	 Until expiry date, -20℃ t 3 months, -20℃ to -80℃ 	o -80 $^\circ C$ as lyophilized proteins. under sterile conditions after red	constitution.
	Shipping: The product is shipped at ambien temperature.	t temperature. Upon receipt, stor	e it immediately at the recommended
Reconstitution	Briefly centrifuge the tube befor	e opening. Reconstitute at 0.1-0.5	5 mg/mL in sterile water.
Background	11 II_27 loukemia inhibitory fact	or (LIF), OSM, ciliary neurotrophic These cytokines signal through t erization and formation of a high- i of gp130 tyrosine residues whic also exist as a soluble form (sgp1	s a ubiquitously expressed, signal- r IL-6 family of cytokines, including IL-6, IL- factor (CNTF), cardiotrophin 1 (CT-1), and he gp130/Jak/STAT pathway. Binding of IL-6 -affinity receptor complex, which activates h in turn activates STAT3.gp130 is a type I 30). sgp130 binds to sIL-6R/IL-6 complexes on target cells.
References	1. Taga T, Kishimoto T. (1997). Anr 2. Montero-Julian FA, et al. (1997) 3. Heinrich PC, et al. (1998). Bioch 4. Silver JS, Hunter CA. (2010). J Le	. Clin Cancer Res. 3(8):1443-1451. em J. 334 (Pt 2)(Pt 2):297-314.	
Synonyms	gp130/IL6ST, IL6ST, CD130, Glyco	protein 130, GP130	

Selected Validation Data





Purity of Recombinant Human gp130 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

Immobilized Human gp130 (His tag) at 1 μ g/mL (100 μ L/well) can bind Human IL-6R alpha (Myc tag, His tag) with a linear range of 90-370 ng/mL

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.