

Datasheet for ABIN7607439

CD130/gp130 Protein (AA 23-618) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD130/gp130 (IL6ST)
Protein Characteristics:	AA 23-618
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD130/gp130 protein is labelled with His-Fc tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CD130/IL6ST/gp130 Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit IL-6-dependent proliferation of the mouse hybridoma cells (7TD1) in the presence of recombinant human IL-6 R alpha. The ED50 for this effect is 0.65-6.5 ng/mL.

Target Details

Target:	CD130/gp130 (IL6ST)
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Target Details

Alternative Name:	IL-6 receptor subunit beta (IL6ST Products)
Background:	IL-6 receptor subunit beta, CDw130, IL-6R-beta, Membrane glycoprotein 130, CD130, Oncostatin-M receptor subunit alpha, Interleukin-6 signal transducer, IL-6RB, IL-6R subunit beta, IL6ST, Interleukin-6 receptor subunit beta, gp130
UniProt:	P40189
Pathways:	JAK-STAT Signaling , Cellular Glucan Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months