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Datasheet for ABIN6964131  
**CD130/gp130 Protein (Fc Tag)**

### Overview

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

### Product Details

Sequence:	CD130(Glu23-Glu619)+hFc(Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

### Target Details

Target:	CD130/gp130 (IL6ST)
Alternative Name:	CD130 ( <a href="#">IL6ST Products</a> )
Background:	<p>Synonyms: CD130, CDW130, GP130, IL-6RB</p> <p>Description: The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass</p>

## Target Details

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the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17.

Molecular Weight: 91.19 kDa

UniProt: [P40189](#)

Pathways: [JAK-STAT Signaling](#), [Cellular Glucan Metabolic Process](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Cancer Immune Checkpoints](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months