

PRODUCT INFORMATION

IL6ST **Target**

GP130, CD130, IL6Rβ, IL6 receptor subunit beta, **Synonyms**

IL6 signal transducer

Recombinant human IL6ST Protein with C-**Description**

terminal 10×His tag

Delivery In Stock P40189 **Uniprot ID Expression Host** HFK293

Tag C-10×His tag

Molecular

Purity

Background

IL6ST(Glu23-Glu619) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 69.2 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

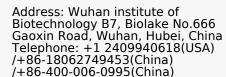
IL6ST (GP130 / Interleukin-6 signal transducer) is a transmembrane receptor subunit that mediates signaling of the IL-6 family cytokines, including IL-6, IL-11, LIF, and OSM. It forms heterodimeric or multimeric receptor complexes, activating JAK/STAT, MAPK, and PI3K/AKT pathways. IL6ST is widely expressed in immune cells, liver, heart, and other tissues, regulating inflammation, hometopoics immune responses, and tissue.

hematopoiesis, immune responses, and tissue regeneration. Dysregulation is associated with autoimmune diseases, chronic inflammation, and cancer, making it an important therapeutic target

in cytokine-mediated disorders.

Usage Research use only Conjugate Unconjugated









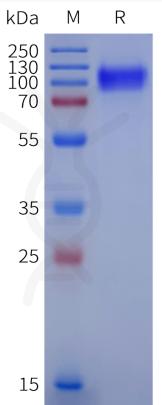


Figure 1. Human IL6ST Protein, His Tag on SDS-PAGE under reducing condition.

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