

## gp130/IL6ST Protein, Human (HEK293, His-Fc)

Cat. No.:	HY-P75795
Synonyms:	Interleukin-6 receptor subunit beta; IL-6RB; CDw130; gp130; CD130; IL6ST
Species:	Human
Source:	HEK 293
Accession:	P40189 (M1-I618)
Gene ID:	3572
Molecular Weight:	125-140 kDa

### PROPERTIES

Biological Activity	Measured by its ability to inhibit the IL-6R $\alpha$ enhancement of IL-6 activity on M1 mouse myeloid leukemia cell and the ED <sub>50</sub> is typically 0.2-0.8 $\mu$ g/mL in the presence of 50 ng/mL human IL-6sR and 100 ng/mL human IL-6.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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