

Recombinant Mouse IL-6RB/gp130/CD130 Protein

Catalog No.: RP03281

Sequence Information

Species	Gene ID
Mouse	16195
Swiss Prot	Tags
Q00560	C-His

Synonyms

Interleukin-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; gp130; CD130; Il6st; Oncostatin-M receptor subunit alpha; CDw130

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW/Observed MW

68 kDa 80-90 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

gp130 is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and Oncostatin M (OSM). gp130 functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. CD130/gp130 plays a critical role in regulating myocyte apoptosis.

Basic Information

Description

Recombinant Mouse IL-6RB/gp130/CD130 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Glu617) of mouse IL-6RB/gp130/CD130 (Accession #Q00560) fused with His tag at the C-terminus.

Activity

Measured by its ability to inhibit the IL-6Rα enhancement of IL-6 activity on M1 mouse myeloid leukemia cells. The ED₅₀ for this effect is typically 0.6-3 μg/mL in the presence of 50 ng/mL recombinant human IL-6sR and 100 ng/mL recombinant human IL-6.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

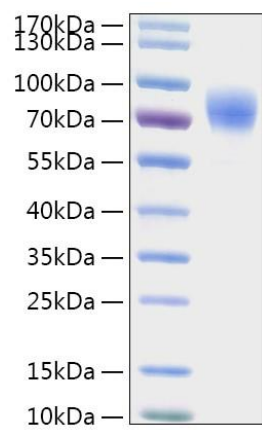
Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Mouse IL-6RB/gp130/CD130 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.