

RP03281

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Recombinant Mouse IL-6RB/gp130/CD130 Protein

Catalog No.: RP03281 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	16195	Q00560

Tags

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
	≥ 95 % as determined by SDS-PAGE.

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.

Contact



www.abclonal.com

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.

Bio-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

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

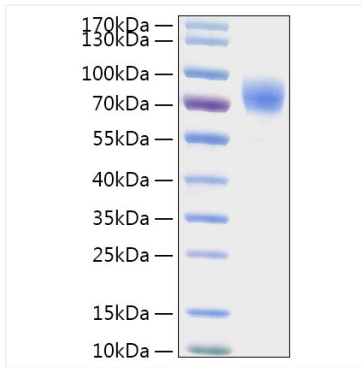
For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

Validation Data



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