Recombinant Human CSF3R/G-CSF-R/CD114 Protein

Catalog No.: RP00270

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Sequence Information

Species	Gene ID
Human	1441
Swiss Prot	**Tags**
Q99062	C-His

Synonyms
CSF3R,CD114,GCSFR,SCN7

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
67.39 kDa	100-110 kDa

Endotoxin
< 0.1 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human CSF3R/G-CSF-R/CD114 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu25-Pro621) of human GCSF Receptor (Accession #NP_000751.1) fused with a 6×His tag at the C-terminus.

Activity
Measured by its ability to inhibit the GCSF-induced proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells.The ED_{50} for this ettect is typically 31.5-126 ng/mL.

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℃

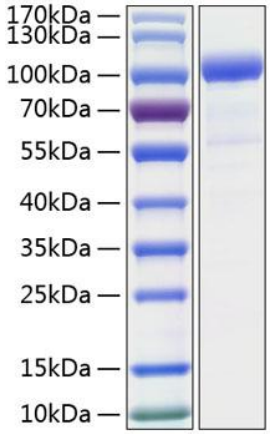
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

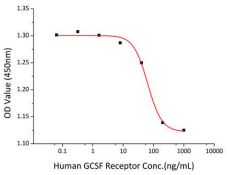
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Validation Data



Recombinant Human CSF3R/G-CSF-R/CD114 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Recombinant Human GCSF Receptor inhibits the GCSF-induced proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells.The ED_{50} for this ettect is typically 31.5-126 ng/mL.