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

Catalog No.: RP00270 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	1441	Q99062

Tags
C-His

Synonyms
CSF3R;CD114;GCSFR;SCN7

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

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.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

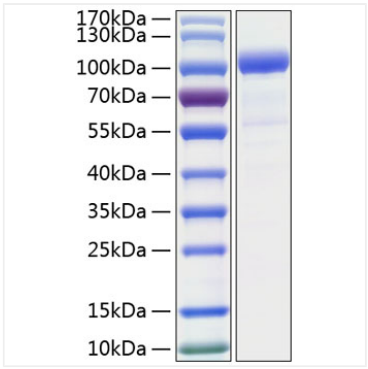
Basic Information

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.

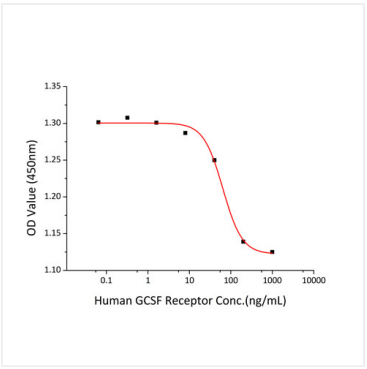
Bio-Activity
Measured by its ability to inhibit the GCSF-induced proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells.The ED_{50} for this ettect is typically 31.5-126 ng/mL.

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

Validation Data



Recombinant Human CSF3R/G-CSF-R/CD114 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 90-105 kDa.



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.