

Product Datasheet

Recombinant Human G-CSFR/CD114 Protein NBP1-46057-50ug

Unit Size: 50 ug

Store at -80C. Avoid freeze-thaw cycles.

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NBP1-46057-50ug

Recombinant Human G-CSFR/CD114 Protein

Product Information	
Unit Size	50 ug
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with 0.5 ml sterilized PBS containing 1% human serum albumin and 10% trehalose.
Product Description	
Description	A biologically active protein to CSF3R.
Gene ID	1441
Gene Symbol	CSF3R
Species	Human
Reactivity Notes	This is a Human protein
Specificity/Sensitivity	G-CSF R - Fc HEX Chimera contains N-linked oligosaccharides and may contain O-linked oligosaccharides. Under reducing conditions G-CSF R - Fc HEX Chimera migrates as a broad band between 100 and 130 kDa in SDS-PAGE due to post-translation modifications, in particular glycosylation. This compares with unmodified TRAIL R1 - Fc Chimera that has a predicted monomeric molecular mass of 93.9 kDa.
Preparation Method	A DNA sequence encoding the signal peptide and extracellular domain of human G-CSF R (aa 1-621) was fused to the Fc region of human IgG1 (aa 90-330). The chimeric protein was expressed in modified human 293 cells.
Details of Functionality	The ED50 of G-CSF R - Fc HEX Chimera is typically 2-3 ng/ml as measured by its ability to neutralize G-CSF mediated proliferation of the murine myeloblastic m-NFS-60 cell line.
Product Application Details	
Applications	Western Blot, Functional, Block/Neutralize
Recommended Dilutions	Western Blot, Functional, Block/Neutralize
Application Notes	This protein is functionally active and can be used for Blocking and Neutralizing. It can also be used for Western Blot. The unmodified G-CSF R - Fc Chimera has a predicted pI of 6.6.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 2 years from date of receipt.

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