

Product Datasheet

Recombinant Human TNF RI/TNFRSF1A Protein NBP1-46254

Unit Size: 0.02 mg

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

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Updated 2/5/2017 v.20.1

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NBP1-46254**Recombinant Human TNF RI/TNFRSF1A Protein**

Product Information	
Unit Size	0.02 mg
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with 0.5 ml sterilized PBS. After reconstitution the buffer solution will contain 1% human serum albumin and 10% trehalose already present in the vial.
Product Description	
Description	A biologically active protein to TNFRSF1A.
Gene ID	7132
Gene Symbol	TNFRSF1A
Species	Human
Reactivity Notes	This is a Human protein
Specificity/Sensitivity	TNF RI-Fc HCX Chimera migrates as a band between 50 and 60 kDa in SDSPAGE due to post-translation modifications, in particular glycosylation. This compares with the unmodified TNF RI-Fc Chimera that has a predicted molecular mass of 48.0kDa. TNF RI-Fc HCX Chimera has N-linked and possibly O-linked oligosaccharides.
Preparation Method	A DNA sequence encoding the signal peptide and extracellular domain of human TNF Receptor 1 (TNFRI) (aa 1-209) was fused to the Fc region of human IgG1 (aa 93-330). The chimeric protein was expressed in modified human 293 cells.
Details of Functionality	The ND50 of TNF RI-Fc HCX Chimera is typically 15-30 ng/ml as measured by its ability to neutralize TNF-a mediated cytotoxicity in murine WEHI 164 cells in the presence of actinomycin D.
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. TNF RI-Fc HCX Chimera separates into a number of isoforms with a pI between 6.5 and 8.6 in 2D PAGE due to post-translational modifications, in particular glycosylation. This compares with the unmodified TNF RI-Fc Chimera that has a predicted pI of 7.69.



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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