

Product Datasheet

Recombinant Human Cyclophilin-F His Protein NBC1-18533

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBC1-18533

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBC1-18533



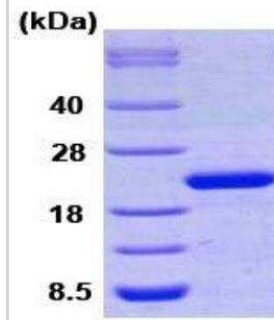
NBC1-18533**Recombinant Human Cyclophilin-F His Protein**

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 7.5), 1 mM DTT, 10% glycerol
Target Molecular Weight	21.1 kDa
Product Description	
Description	A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 30-207 of Human Cyclophilin-F Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MCSKGSGDPS SSSSSGNPLV YLDVDANGKP LGRVVLELKA DVVPKTAENF RALCTGEKGF GYKGSTFHRV IPSFMCQAGD FTNHNGTG GK SIYGSRFPDE NFTLKHVGP VLSMANAGPN TNGSQFFICT IKTDWLDGKH VVFGHVKEGM DVVKKIESFG SKSGRTSKKI VITDCGQLS
Gene ID	10105
Gene Symbol	PPIF
Species	Human
Reactivity Notes	Analogous biological activity in mouse tissues/cells reported in scientific literature (PMID: 26387735)
Details of Functionality	Specific activity is > 900 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAPF-pNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
Endotoxin Note	< 1.0 EU per 1ug of protein (determined by LAL method)
Product Application Details	
Applications	Western Blot, Immunoprecipitation, SDS-Page, Bioactivity
Recommended Dilutions	Western Blot, Immunoprecipitation, SDS-Page, Bioactivity
Application Notes	Use in immunoprecipitation, and western blot reported in scientific literature (PMID 26387735)



Images

SDS-Page: Recombinant Human Cyclophilin-F Protein [NBC1-18533] - Cyclophilin F(PPIF), 21 kDa (198aa), confirmed by MALDI-TOF with a purity of 95% by SDS - PAGE



15% SDS-PAGE (3ug)

Publications

Shanmughapriya S, Rajan S, Hoffman NE et al. SPG7 Is an Essential and Conserved Component of the Mitochondrial Permeability Transition Pore. Cell Press 2015-10-01 [PMID: 26387735] (WB, IP, Human, Mouse)



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

Products Related to NBC1-18533

NBP2-61369-10ug	Recombinant Human Cyclophilin-F Protein
NB100-56503	Cytochrome c Antibody (7H8.2C12) - BSA Free
NBP2-15079	Cyclophilin-F Antibody
NB100-56098	Bcl-2 Antibody

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 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBC1-18533

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

