

Product Datasheet

Recombinant Human GRP78/HSPA5 His Protein NBP3-18319-100ug

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-18319

Updated 8/15/2022 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/NBP3-18319



NBP3-18319-100ug

Recombinant Human GRP78/HSPA5 His Protein

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>85%
Buffer	20mM Tris/HCl pH7.5, 50mM KCl, 5mM MgCl ₂ , 1mM DTT
Target Molecular Weight	78 kDa
Product Description	
Description	<p>A biologically active protein corresponding to human GRP78/HSPA5.</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: MKLSLVAAMLLLLSAARAEEDKKEDVGTVVGIDLGTTYSCVGVFKNGRVEIIA NDQGNRITPSYVAFTPEGERLIGDAAKNQLTSNPENTVFDKRLIGRTWNDPSV QQDIKFLPFKVVVEKTKPYIQVDIGGGQTKTFAPEEISAMVLTKMKETAAYLKG KVTHAVVTPAYFNDAQRQATKDAGTIAGLNVMRIINEPTAAAIAYGLDKREGE KNILVFDLGGGTFDVSLLTIDNGVFEVVATNGDTHLGGEDFDQRVMEHFILYK KKTGKDVRKDNRAVQKLRREVEKAKRALSSQHQARIEIESFYEGEDFSETLTR AKFEELNMDLFRSTMKPVQKVLSDSLKSDIDEIVLVGGSTRIPKIQLVKEFF NGKEPSRGINPDEAVAYGAAVQAGVLSGDQDTGDLVLLDVCPLTLGIETVGGV MTKLIPRNTVVPTKKSQIFSTASDNQPTVTIKVYEGERPLTKDNHLLGTFDLTGIP PAPRGVPQIEVTFEIDVNGILRVTAEDKGTGNKNKITITNDQNRLTPEEIERMVN DAEKFAEEDKCLKERIDTRNELESYAYSLKNQIGDKEKLGKLSSEDKETMEKA VEEKIEWLESHQDADIEDFKAKKKELEEIVQPIISKLYGSAGPPPTGEEDTAEKD EL</p>
Gene ID	3309
Gene Symbol	HSPA5
Species	Human
Preparation Method	This protein is affinity purified.
Details of Functionality	The protein has ATPase activity at the time of manufacture of 2.3uM phosphate liberated/hr/ug protein in a 200ul reaction at 37C (pH 8) in the presence of 20ul of 1mM ATP using a Malachite Green assay.
Product Application Details	
Applications	Western Blot, ELISA, SDS-Page, Bioactivity
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Bioactivity



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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to NBP3-18319-100ug

H00003309-P01-10ug	Recombinant Human GRP78/HSPA5 GST (N-Term) Protein
NB100-2323	IRE1 alpha [p Ser724] Antibody - BSA Free
NBP1-06274	GRP78/HSPA5 Antibody - BSA Free
NBP1-40256-0.1mg	ATF6 Antibody (70B1413.1) - BSA Free

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/NBP3-18319

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

