

Product Datasheet

Recombinant Mouse HB-EGF Protein NBP2-35069-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

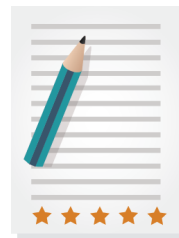
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-35069

Updated 1/25/2025 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/NBP2-35069



NBP2-35069-10ug

Recombinant Mouse HB-EGF Protein

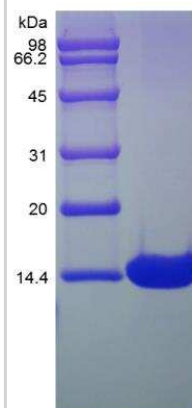
Product Information	
Unit Size	10ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 10 mM PB, 500 mM NaCl, pH7.4.
Target Molecular Weight	9.8 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 86 amino acids corresponding to HB-EGF Source: <i>E. coli</i> Uniprot ID: Q06186 Amino Acid Sequence: DLEGTDLNLF KVAFSSKPQG LATPSKERNG KKKKKGKGLG KKRDPCLRKY KDYCIHGEGR YLQEFRTPSC KCLPGYHGHR CHGLTL
Gene ID	1839
Gene Symbol	HBEGF
Species	Mouse
Details of Functionality	HB-EGF protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 1 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁶ IU/mg.
Endotoxin Note	Less than 1 EU/ug of HB-EGF as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Mouse HB-EGF Protein [NBP2-35069]



Publications

Peihua Luo, Hao Yan, Xueqin Chen, Ying Zhang, Ziyang Zhao, Ji Cao, Yi Zhu, Jiangxia Du, Zhifei Xu, Xiaochen Zhang, Su Zeng, Bo Yang, Shenglin Ma, Qiaojun He s-HBEGF/SIRT1 circuit-dictated crosstalk between vascular endothelial cells and keratinocytes mediates sorafenib-induced hand-foot skin reaction that can be reversed by nicotinamide Cell Research 2020-04-15 [PMID: 32296111]

Zhou L, Zhou W, Joseph AM et al. Group 3 innate lymphoid cells produce the growth factor HB-EGF to protect the intestine from TNF-mediated inflammation Nature immunology 2022-02-01 [PMID: 35102343]



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 NBP2-35069-10ug

NBP2-34920-10ug	Recombinant Human HB-EGF Protein
236-EG-200	EGF [Unconjugated]
259-HE-050	HB-EGF
210-TA-005	TNF-alpha [Unconjugated]

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/NBP2-35069

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

