Product Datasheet

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

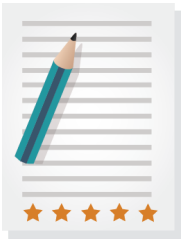
Unit Size: 10ug

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.

Publications: 2

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

Updated 8/21/2025 v.20.1



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

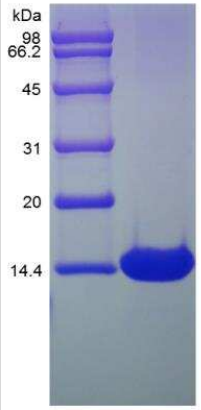
Description	A single non-glycosylated polypeptide chain containing 86 amino acids corresponding to HB-EGF **Source:** *E. coli* **Uniprot ID:** *Q06186* **Amino Acid Sequence:** *DLEGTDLNLF KVAFSSKPQG LATPSKERNG KKKKKGKGLG KKRDPCLRKY KDYCIHGECR YLQEFRTPSC KCLPGYHGHR CHGLTL*
Gene ID	1839
Gene Symbol	HBEGF
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, Ziying 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]

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Products Related to NBP2-35069-10ug

NBP2-34920-10ug	Recombinant Human HB-EGF Protein
236-EG-200	EGF [Unconjugated]
AF-259-NA	HB-EGF Antibody [Unconjugated]
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.

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