

Product Datasheet

Recombinant Human HB-EGF Protein NBP2-34920-10ug

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.

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Publications: 1

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NBP2-34920-10ug

Recombinant Human HB-EGF Protein

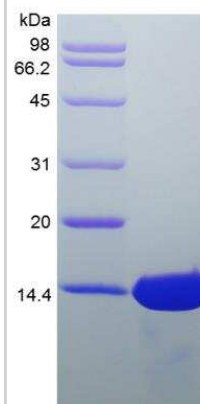
Product Information	
Unit Size	10ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-0.3 mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 10 mM PBS, 500 mM NaCl, pH 7.4.
Target Molecular Weight	9.7 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: Q99075 Amino Acid Sequence: DLQEADLDLL RVTLSKPKQA LATPNKEEHG KRKKKGKGLG KKRDPCLRKY KDFCIHGECK YVKELRAPSC ICHPGYHGER CHGLSL
Gene ID	1839
Gene Symbol	HBEGF
Species	Human
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 0.1 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: Human HB-EGF Protein [NBP2-34920]



Publications

He JH, Liu RP, Peng YM et al. Differential and paradoxical roles of new-generation antidepressants in primary astrocytic inflammation Journal of Neuroinflammation 2021-02-18 [PMID: 33602262]



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Products Related to NBP2-34920-10ug

NBP2-35069-10ug	Recombinant Mouse 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.

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