

Product Datasheet

Recombinant Human EGF Protein NBP2-34952-100ug

Unit Size: 100ug

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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NBP2-34952-100ug

Recombinant Human EGF Protein

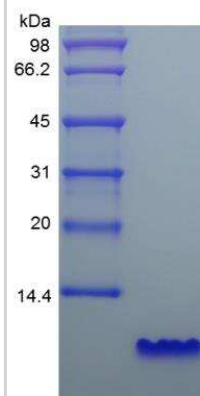
Product Information	
Unit Size	100ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	6.2 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 53 amino acids corresponding to EGF Source: <i>E. coli</i> Uniprot ID: <i>P01133</i> Amino Acid Sequence: <i>NSDSECPLSH DGYCLHDGVC MYIEALDKYA CNCVVG YIGE RCQYRDLKWW ELR</i>
Gene ID	1950
Gene Symbol	EGF
Species	Human
Details of Functionality	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 $> 1.0 \times 10^6$ IU/mg.
Endotoxin Note	Less than 1 EU/ug of EGF as determined by LAL method.

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

Images

SDS-Page: Human EGF Protein [NBP2-34952]



Publications

Lovric A, Rassolie A, Alam S et al. Single-cell sequencing deconvolutes cellular responses to exercise in human skeletal muscle *Communications biology* 2022-10-22 [PMID: 36273106]

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Freed-Pastor WA, Lambert LJ, Ely ZA Et al. The CD155/TIGIT axis promotes and maintains immune evasion in neoantigen-expressing pancreatic cancer *Cancer cell* 2021-07-27 [PMID: 34358448]

Robilliard LD, Yu J, Anchan A et al. Comprehensive analysis of inhibitory checkpoint ligand expression by Glioblastoma cells *Immunol Cell Biol* 2020-11-20 [PMID: 33217047]

Hong Qiu, Bo Yang, Zhi-Chao Pei, et al. WSS25 Inhibits Growth of Xenografted Hepatocellular Cancer Cells in Nude Mice by Disrupting Angiogenesis via Blocking Bone Morphogenetic Protein (BMP)/Smad/Id1 Signaling. *J Biol Chem* 2010-10-15 [PMID: 20679340]

Han L, Yan L, Wang K et al. Tough, self-healable and tissue-adhesive hydrogel with tunable multifunctionality. *NPG Asia Materials* 2017-04-14

Xiaokun Shen, Jianping Fang, Xiaofen Lv et al. Heparin Impairs Angiogenesis through Inhibition of MicroRNA-10b. *J Biol Chem* 2011-07-29 [PMID: 21642433]

Wucheng Wang, Huanjun Chen, Lei Zhang et al. A fucoidan from *Nemacystus decipiens* disrupts angiogenesis through targeting bone morphogenetic protein 4. *Carbohydr Polym* 2016-06-25 [PMID: 27083822]

Yan Luan, Dafei Chai, Jianjian Peng et al. A fully human monoclonal antibody targeting PD-L1 with potent anti-tumor activity. *Int Immunopharmacol* 2016-02-01 [PMID: 26773772]

Xia Chen, Fei Xiao, Ying Wang et al. Structure-activity relationship study of WSS25 derivatives with anti-angiogenesis effects. *Glycoconj J* 2012-08-01 [PMID: 22847113]

Yuxia Xu, Qun Dong, Hong Qiu et al. A homogalacturonan from the radix of *Platycodon grandiflorum* and the anti-angiogenesis activity of poly-/oligogalacturonic acids derived therefrom. *Carbohydr Res* 2011-09-27 [PMID: 21700274]

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Products Related to NBP2-34952-100ug

NBP2-35293-100ug	Recombinant Rat EGF Protein
210-TA-005	TNF-alpha [Unconjugated]
236-EG-200	EGF [Unconjugated]
DVE00	VEGF [HRP]

Limitations

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