

Product Datasheet

Recombinant Mouse KGF/FGF-7 Protein NBP2-35149-100ug

Unit Size: 100 ug

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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NBP2-35149-100ug

Recombinant Mouse KGF/FGF-7 Protein

Product Information	
Unit Size	100 ug
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 solution in 20 mM PB, pH 8.0, 1 M NaCl.
Target Molecular Weight	18.7 kDa

Product Description	
Description	A single, non-glycosylated polypeptide chain containing 163 amino acids corresponding to KGF/FGF-7 Source: <i>E. coli</i> Uniprot ID: P36363 Amino Acid Sequence: CNDMSPEQTA TSVNCSSPER HTRSYDYMEG GDIRVRRLLFC RTQWYLRIDK RGKVKGTQEM KNSYNIMEIR TVAVGIVAIAK GVESEYYLAM NKEGKLYAKK ECNEDCNFKE LILENHYN TY ASAKWTHSGG EMFVALNQKG IPVKGKKTCK EQKTAHFLPM AIT
Gene ID	2252
Gene Symbol	FGF7
Species	Mouse
Details of Functionality	FGF7 Protein is fully biologically active when compared to standard. The ED50 as determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 10 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1 EU/ug of KGF/FGF-7 as determined by LAL method.

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

Publications

Geervliet E, Terstappen LWMM, Bansal R Hepatocyte survival and proliferation by fibroblast growth factor 7 attenuates liver inflammation, and fibrogenesis during acute liver injury via paracrine mechanisms *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie* 2023-11-01 [PMID: 37797460]





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Products Related to NBP2-35149-100ug

NBP2-34924-100ug	Recombinant Human KGF/FGF-7 Protein
236-EG-200	EGF [Unconjugated]
251-KG-010	KGF/FGF-7 [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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