

Product Datasheet

Recombinant Mouse FGF basic/FGF2/bFGF Protein NBP2-35152-10ug

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

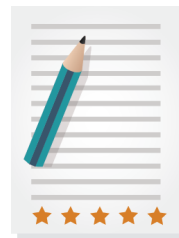
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NBP2-35152-10ug

Recombinant Mouse FGF basic/FGF2/bFGF 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	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in PBS, pH 7.4.
Target Molecular Weight	16.5 kDa

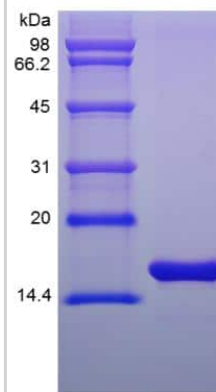
Product Description	
Description	A single non-glycosylated polypeptide chain containing 146 amino acids corresponding to FGF basic/FGF2/bFGF Source: <i>E. coli</i> Uniprot ID: P15655 Amino Acid Sequence: MPALPEDGGA AFPPGHFKDP KRLYCKNGGF FLRIHPDGRV DGVREKSDPH VKLQLQAEER GVVSIGVCA NRYLAMKEDG RLLASKCVTE ECFFFERLES NNYNTYRSRK YSSWYVALKR TGQYKLGSKT GPGQKAILFL PMSAKS
Gene ID	2247
Gene Symbol	FGF2
Species	Mouse
Details of Functionality	FGF basic/FGF2/bFGF 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 1.0 ng/ml, corresponding to a specific activity of >1.0 x 10 ⁶ IU/mg
Endotoxin Note	Less than 1 EU/ug of FGF basic/FGF2/bFGF as determined by LAL method.

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



Images

SDS-Page: Mouse FGF basic/FGF2 Protein [NBP2-35152]



Publications

Tsuji-Tamura K, Morino-Koga S, Suzuki S, Ogawa M TAGLN, a canonical marker of smooth muscle cells, is present in endothelial cells and involved in angiogenesis Journal of cell science 2021-07-07 [PMID: 34338296]



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Products Related to NBP2-35152-10ug

NBP2-34921-10ug	Recombinant Human FGF basic/FGF2/bFGF Protein
236-EG-200	EGF [Unconjugated]
233-FB-025	FGF basic/FGF2/bFGF [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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