

# Product Datasheet

## Recombinant Mouse FGF acidic/FGF1 Protein NBP2-35140-100ug

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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**NBP2-35140-100ug**

Recombinant Mouse FGF acidic/FGF1 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 concentrated solution in 1xPBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA
Target Molecular Weight	15.8 kDa

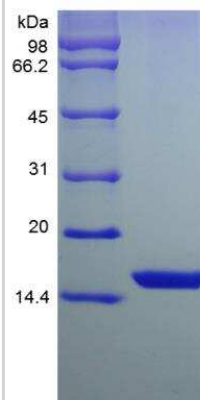
Product Description	
Description	A single non-glycosylated polypeptide chain containing 140 amino acid residues corresponding to FGF acidic/FGF1 <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> <i>P61148</i>  <b>Amino Acid Sequence:</b> <i>FNLPLGNYKK PKLLYCSNGG HFLRILPDGT VDGTRDRSDQ HIQLQLSAES AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNTYTSK KHAEKNWVFG LKKNCSCKRG PRTHYGQKAI LFLPLPVSSD</i>
Gene ID	2246
Gene Symbol	FGF1
Species	Mouse
Details of Functionality	FGF acidic/FGF1 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 0.2 ng/ml, corresponding to a specific activity of $>5.0 \times 10^6$ IU/mg in the presence of 10 ug/ml of heparin.
Endotoxin Note	Less than 1 EU/ug of FGF acidic/FGF1 as determined by LAL method.

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



## Images

SDS-Page: Mouse FGF acidic/FGF1 Protein [NBP2-35140]





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### **Products Related to NBP2-35140-100ug**

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NBP2-35052-10ug	Recombinant Human FGF acidic/FGF1 Protein
236-EG-200	EGF [Unconjugated]
AF232	FGF acidic/FGF1 Antibody [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]

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### **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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