

Recombinant Rat Fgf1 Protein (Phe16-Asp155)

Cat. No. Fgf1-6840R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat FGF1 (Phe16-Asp155) without tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Phe16-Asp155
Description	Predicted to enable several functions, including Hsp70 protein binding activity; S100 protein binding activity; and signaling receptor binding activity. Acts upstream of or within several processes, including organ induction; positive regulation of epithelial cell proliferation; and positive regulation of nitrogen compound metabolic process. Located in extracellular matrix and extracellular space. Is expressed in several structures, including alimentary system; genitourinary system; nervous system; respiratory system; and sensory organ. Human ortholog (s) of this gene implicated in brain ischemia; cleft lip; myocardial infarction; schizophrenia; and urinary bladder cancer. Orthologous to human FGF1 (fibroblast growth factor 1).
Form	Lyophilized powder/frozen liquid
Molecular Mass	15.4 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

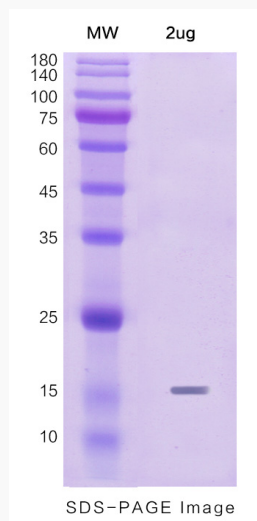
Gene Name	Fgf1 fibroblast growth factor 1 [Mus musculus (house mouse)]
Official Symbol	Fgf1
Synonyms	FGF1; fibroblast growth factor 1; aFGF; HBGF-1; acidic fibroblast growth factor; heparin-binding growth factor 1; fibroblast growth factor 1 (acidic); Fam; Fgfa; Dffrx; Fgf-1;
Gene ID	14164
mRNA Refseq	NM_010197
Protein Refseq	NP_034327
UniProt ID	P61148

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SDS-PAGE



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