

## Recombinant Rat Fgf1 Protein (Phe16-Asp155)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant rat FGF1 (Phe16-Asp155) without tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Phe16-Asp155
<b>Description</b>	<p>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.</p> <p>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).</p>
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	15.4 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Notes</b>	For research use only.

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<b>Storage</b>	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.
<b>Storage Buffer</b>	Supplied as solution form in PBS or lyophilized from PBS.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

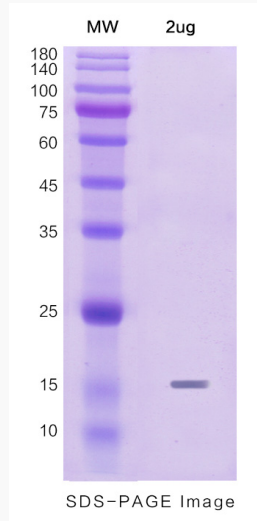
<b>Gene Name</b>	<a href="#">Fgf1 fibroblast growth factor 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Fgf1</a>
<b>Synonyms</b>	FGF1; fibroblast growth factor 1; aFGF; HBGF-1; acidic fibroblast growth factor; heparin-binding growth factor 1; fibroblast growth factor 1 (acidic);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

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**SDS-PAGE**



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