

## Product datasheet for **TP723108**

### **Fgf2 (NM\_019305) Rat Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Rat fibroblast growth factor 2 (Fgf2).
<b>Species:</b>	Rat
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	PALPEDGGGA FPPGHFKDPK RLYCKNGGFF LRIHPDGRVD GVREKSDPHV KLQLQAEERG VVSIKGVCAN RYLAMKEDGR LLASKCVTEE CFFFERLESN NYNTYRSRKY SSWYVALKRT GQYKLGSKTG PGQKAILFLP MSAKS
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	16.3 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Bioactivity:</b>	ED50 as determined by the dose-dependent stimulation of thymidine uptake by 3T3 cells is less than or equal to 0.2 ng/ml corresponding to a specific activity of >5 x 10 <sup>6</sup> units/mg.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_062178</a>
<b>Locus ID:</b>	54250
<b>UniProt ID:</b>	<a href="#">P13109</a>
<b>RefSeq Size:</b>	1016
<b>Cytogenetics:</b>	2q25
<b>RefSeq ORF:</b>	462
<b>Synonyms:</b>	bFGF; Fgf-2
<b>Summary:</b>	activates the MAP kinase signaling pathway; plays a role in synaptic transmission; induces cell proliferation [RGD, Feb 2006]



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Product images:

