

## Product datasheet for **MC207275**

### **Fgfbp1 (NM\_008009) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fgfbp1 (NM_008009) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fgfbp1
Synonyms:	FGF-BP; FGF-BP1; FGFBP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207275 representing NM_008009 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGACTCCACAGCCTCATCCTGCTCTCCTTCTCCTGGCTACTCAGGCGTTCTCAGAAAAGGTCA  
GAAAGAGAGCCAAGAACGCACCACAGCACAGCGGAGGGGTAGAGGGTTCAGCTCCCTCGTTAGG  
GAAGGCCAGAATAAGCAGAGAAGCAGGACATCTAAATCTCTGACGCATGGCAAGTTTGTACCAAAGAC  
CAAGCCACATGCAGATGGGCTGTGACTGAGGAGGAGCAGGGCATCAGCCTGAAGTCCAGTGCACACAAG  
CCGATCAGGAGTTTTCTTGTGTTTTGCTGGTGACCCAAGTACTGCCTTAAACACGACAAGACCAGAT  
CTACTGGAACAGGTTGCCCGCACGCTGCGCAAACAGAAAAATATCTGCAGGAACGCCAAGAGTGTCTTG  
AAGACCAGAGTGTGCAGAAAGAGATTTCCAGAGTCTAACCTCAAGCTGGTGAACCCCAACGCACGTGGAA  
ACACGAAGCCCAGGAAGGAGAAAGCAGAGGTCTCCGCAAGGGAGCACAACAAGGTCCAAGAAGCTGTCTC  
CACGGAGCCAAACAGGGTCAAAGAAGACATCACACTCAATCCAGCTGCGACCCAGACCATGGCCATTAGA  
GATCCAGAGTGTCTAGAGGATCCAGATGTGCTCAACCAGAGGAAGACCGCCCTGGAGTTCTGTGGGAAT  
CTTGAGCTCCATTTGCACATTCTCTCAACATGTTACAGGCGCATCATGCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008009
Insert Size:	756 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_008009.4</a> , <a href="#">NP_032035.2</a>
<b>RefSeq Size:</b>	1198 bp
<b>RefSeq ORF:</b>	756 bp
<b>Locus ID:</b>	14181
<b>UniProt ID:</b>	<a href="#">O70514</a>
<b>Cytogenetics:</b>	5 B3
<b>Gene Summary:</b>	<p>Acts as a carrier protein that releases fibroblast-binding factors (FGFs) from the extracellular matrix (EM) storage and thus enhances the mitogenic activity of FGFs. Enhances FGF2 signaling during tissue repair, angiogenesis and in tumor growth (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>