

## Product datasheet for **RN203095**

### **Fbp1 (NM\_012558) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fbp1 (NM_012558) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fbp1
Synonyms:	Fdp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203095 representing NM_012558 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGGACCATGCGCCCTTCGAAACGGATATCAGCACCTGACCCGCTTCGTCCTGGAGGAGGGCAGGA  
AGGCTGGGGCACGGGCGAGATGACCCAGCTGCTGAATTCGCTCTGCACCGCGATCAAAGCCATCTCGTC  
AGCGGTGCGCCAGGCCGCGCATCGCTCAGCTCTATGGCATCGCTGGCTCAACCAATGTGACTGGGGATCAA  
GTGAAGAAGCTGGACATACTTTCCAATGACCTGGTGATCAATATGCTGAAGTCGTCTATGCTACCTGTG  
TCCTTGTGTCGGAAGAAGATACACACGCCATCATAATAGAGCCCGAGAAGAGGGGCAAATATGTTGTCTG  
TTTTGATCCCCTCGATGGCTCATCCAACATCGACTGCCTCGCGTCCATCGGAACCATCTTTGGCATTAC  
AGAAAGACATCTGCTAATGAGCCTTCGGAGAAAGATGCTCTGCAGCCAGGCAGGAACCTGGTGGCAGCAG  
GCTATGCACTCTATGGCAGCGCCACCATGTTGGTCTGGCCATGAATTGTGGCGTCAACTGCTTCATGCT  
GGACCCGTCCATTGGAGAATTCATTTGGTGGACAGGGATGTGAAGATCAAGAAGAAAGGTAACATCTAC  
AGCATAATGAGGGCTATGCTAAGGACTTTGACCCTGCCATCAATGAGTATATCCAGAGGAAAAAGTTCC  
CTCCGGATAATTCAGCTCCCTATGGTGCCCGGTATGTGGGGTCCATGGTGGCTGATGTTCCACCGCACTCT  
GGTGTATGGAGGGATCTTCTTATACCCTGCCAACAAGAAAAATCCATCTGGAAAGCTGCGGCTGCTGTAC  
GAGTGCAATCCCATCGCTTACGTCATGGAGAAGGCCGGTGGACTTGCCACGACGGGGAATGAAGACATAT  
TAGACATCGTCCCCTGAGATCCACCAGAAGGCACCAAGTTATCATGGGGTCCACCGAAGACGTGCAGGA  
GTTCTGGAGATCTACAATAAGGACAAAGCCAAATCAAGGCCGTCCCTGCCCTGCCCCAGAGCAGAGCT  
CGAGAGTCACCGGTCCATTCTATCTGTGACGAACCTTTTC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_012558



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<b>Insert Size:</b>	1092 bp
<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>	<u><a href="#">NM_012558.3</a></u> , <u><a href="#">NP_036690.2</a></u>
<b>RefSeq Size:</b>	1474 bp
<b>RefSeq ORF:</b>	1092 bp
<b>Locus ID:</b>	24362
<b>UniProt ID:</b>	<u><a href="#">P19112</a></u>
<b>Cytogenetics:</b>	17p14
<b>Gene Summary:</b>	catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate in gluconeogenesis [RGD, Feb 2006]