

Product datasheet for **MC200817**

Fbp2 (NM_007994) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fbp2 (NM_007994) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fbp2
Synonyms: Fbp-1; Fbp1; Rae-30
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC012720 sequence for NM_007994
 CCACGCGTCCGCTGCTGCCTTGAGAGAGCAAGGATTTCTACAAGGAGCAAAGGGAGGCTTTGGGATCTCA
 TTTGCACAATGACGGACAGAAGCCCTTTGAGACAGACATGCTGACCCTGACCCGTTACGTTATGGAAAA
 GGGGCGACAGGCCAAAGGGACCGGAGAAGCTCACCCAGCTGCTCAACTCGATGCTGACTGCCATCAAAGCC
 ATCTCTCCGCGAGTGCGCAAGGCCGGCCTGGCCAACTGTATGGGATTTTCGGGGAGCGTGAATGTGACAG
 GAGATGAGGTGAAGAACTGGACGTGCTGTCCAACCTCCCTGGTCATCAACATGCTTCAGTCTCCTACAG
 CACCTGTGTGCTCGTCTCCGAAGAGAATAAAGAGGCGGTGATCACAGCCCAGGAGAGGGGGAAATAT
 GTGTTTGTCTTTGACCCTCTGGATGGATCTTCAAACATTGACTGCCTGGCCTCCATCGGAACTATATTTG
 CTATTTACAGAAAGACCACGGAGGATGAGCCTTCTGAGAAGGATGCCTTGACGCTGGCCGCAACATCGT
 GGCTGCGGGTTATGCACTGTATGGTAGTGAACCTGGTGCCTTTCCACAGGACAAGGAGTAGATCTC
 TTCATGCTGGACCCGGCTCTTGAGAATTCGTGCTAGTGGAAAAAGATGTCCGGATTAAGAAGAAAGGGA
 AAATTTTAGCCTCAACGAGGGCTATGCCAAGTATTTGATGCTGCTACTGCTGAGTATGTACAGAAAAA
 GAAATTCGCCGAGGATGGCAGTGCCTTATGGAGCCAGGTACGTGGGTTCCATGGTGGCTGATGTGCAT
 CGCACCTTGGTCTATGGAGGAATCTTATGTACCCAGCCAACCAGAAGAGTCCTAATGGCAAGCTCCGGC
 TCCTGTATGAATGCAATCCTGTGGCCTATATCATCGAGCAAGCAGGAGGTATGGCAACCACAGGCCCA
 GCCAGTACTGGATGTGAAACCTGAGAGTATTCACCAGCGAGTCCCCTCATTCTGGGGTCCCCTGAGGAT
 GTGCAAGAGTATCTCAGCTGTGTGCAGAGAAACCAGGCAGGCAGGTAGTGAGCCTGAACCTATGAGCCC
 CTTCCCTTTGTCTTTGTCAATTGAAAACTAGATGAATGAGCAATGGAGATGGGAGGAAAGGCAAAGAAG
 TCAAGTGACACAGGTCACGGTCAGAACAGCGCCCTGCTGCTAAGGACAGGGTTAGAAGCCAGGGTAAAG
 AAAGATACGGTCAAAGGACTAAAATAAAAATATGAATGTGAAAAGAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_007994
Insert Size: 1020 bp



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OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	BC012720 , AAH12720
RefSeq Size:	1330 bp
RefSeq ORF:	1020 bp
Locus ID:	14120
UniProt ID:	P70695
Cytogenetics:	13 B3
Gene Summary:	Catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate in the presence of divalent cations and probably participates in glycogen synthesis from carbohydrate precursors, such as lactate.[UniProtKB/Swiss-Prot Function]