

Product datasheet for RN201597

Fbp2 (NM_053716) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fbp2 (NM_053716) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Fbp2
 Synonyms: FBPase
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201597 representing NM_053716
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACGGACAGAAGCCCTTTGAGACAGACATGCTGACCCTGACCCGTTACGTTATGGAAAAGGGGCGAC
 AGGCCAAAGGGACCGGAGAACTCACCCAGCTGCTCAACTCGATGCTGACTGCCATCAAAGCCATCTCTTC
 CGCTGTGCGAAAGGCCGGCCTGGCCAACCTGTATGGGATTGCGGGAAGCGTGAATGTGACAGGGGATGAG
 GTGAAGAACTGGATGTGCTGTCCAATTCCTGGTGATCAACATGCTTCAGTCTCCTACAGCACCTGTG
 TGCTTGTCTCAGAAGAGAATAAAGAGGCTGTGATCACAGCCAAGGAGAGGGGGAAATATGTGGTTTG
 CTTTGACCCACTGGATGGATCTTCAAACATTGACTGCCTGGCTTCCATTGGAATATATTTGCTATCTAC
 AGAAAGACCACAGAGGATGAGCCTTCCGAGAAGGATGCCTTGCAGCCTGGACGCAATATCGTGGCTGCAG
 GTTATGCACTGTATGGTAGTGAACCTGGTGGCTCTTTCTACAGGGCAAGGAGTGGATCTCTTCATGCT
 GGACCCGGCTCTTGGAGAATTCGTGCTAGTGGAAAAAGATATCCGGATTAAGAAGAAAGGGAAAAATTTT
 AGCCTCAATGAGGGCTATGCCAAGTATTTGATGCTGCTACCGCTGAGTATGTACAGAAAAAGAAGTTCC
 CTGAGGATGGCAGTGCACCTTACGGGGCAAGGTACGTGGGTTCCATGGTGGCTGATGTGCATCGCACCT
 GGTCTATGGAGGAATCTTCATGTACCCAGCCAACCAGAAGAGTCTAATGGCAAGCTCCGGCTCCTGTAT
 GAATGCAATCCTGTAGCCTATATCATTGAGCAGGCAGGAGGCATGGCAACCACAGGCACCCAGCCGGTAC
 TGGATGTAAGCCTGAGAGCATTACCAGCGAGTCCCCCTCATTCTGGGGTCCCCGGAAGATGTGCAAGA
 ATATCTCAGCTGTGTGCAAGAAACCAGGCAGGCAGGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053716
Insert Size:	1020 bp
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:	<u>NM_053716.1</u> , <u>NP_446168.1</u>
RefSeq Size:	1282 bp
RefSeq ORF:	1020 bp
Locus ID:	114508
UniProt ID:	<u>Q9Z1N1</u>
Cytogenetics:	17p14
Gene Summary:	last key-enzyme before the synthesis of glucose-6-phosphate of the gluconeogenic pathway [RGD, Feb 2006]