

## Product datasheet for **MC202484**

### Fabp7 (NM\_021272) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fabp7 (NM_021272) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fabp7
Synonyms:	B-FABP; BFABP; Blbp; MRG
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC057090 sequence for NM_021272 TGAATTACGGTGGTGGGTAAGACCCGAGTTCCTCCAGTTCCTGCCTATTTTCAGCTGACTAGCGGTTAA GGATGGTAGATGCTTTCTGCGCAACCTGGAAGCTGACAGACAGTCAGAATTTTGATGAGTACATGAAAGC TCTGGGCGTGGGCTTTGCCACTAGGCAAGTGGGAAACGTGACCAAACCAACTGTGATTATCAGTCAGGAA GGTGGCAAAGTGGTGATCCGGACACAATGCACATTCAAGAACACAGAGATCAATTTCCAGCTGGGAGAAG AGTTTGAAGAAACCAGCATAGATGACAGAACTGTAAGTCTGTGGTTCGGTTGGATGGAGACAAGCTCAT TCATGTGCAGAAGTGGGATGGCAAAGAAACAAATTGTACCAGAGAAATTAAGGATGGCAAGATGGTCGTG ACTCTTACCTTTGGGATATCGTTGCTGTTGCTGTTATGAAAAGGCATAGAAGAGATGACAGGACTTTT GACAACTTGGTTTCTGGAGTCCCAGAGTTAGCCAGCTAATGAAGCACTGGTCACTAATTATAAGTTTGT CTTCGGTGTGGAGGTAGAAAATTATAATTCTAAGATGTGTTACTCCAAGCAATTCATGGGATTTTGATAT GCAAATTTACTGTTTTCCATTTTTTTAAATAATTTTACAATACTTTTTATAGAAATGGGAATATACTTA TGACTTCTTTGGAAATGCAAACCAAAATTGAAATAAAAAATACACACACAAAAAAAAAAAAAAAAAAAAAA AAAAAA
Restriction Sites:	Ascl-NotI
ACCN:	NM_021272
Insert Size:	399 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).



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**Reconstitution Method:**

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:** [BC057090](#), [AAH57090](#)

**RefSeq Size:** 776 bp

**RefSeq ORF:** 399 bp

**Locus ID:** 12140

**UniProt ID:** [P51880](#)

**Cytogenetics:** 10 B4

**Gene Summary:** B-FABP could be involved in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. It is required for the establishment of the radial glial fiber system in developing brain, a system that is necessary for the migration of immature neurons to establish cortical layers.[UniProtKB/Swiss-Prot Function]