

Product datasheet for MC225397

FlnC (NM_001081185) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FlnC (NM_001081185) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	FlnC
Synonyms:	1110055E19Rik; ABP-280; ABPL; Fln2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225397 representing NM_001081185 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGAACAACAGCAACTATTCGGACGCCTCCGGCCTCGGCCTGGTTGACGAGGCGGACGAGATGCCGT
CCACGGAGAAGGACCTAGCGGAGGACGCACCGTGAAGAAGATCCAGCAGAACACATTACCGCGTGGTG
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 CATTGTCAAGTGGGGTGTGAAAGTGTCCCTGGGAGCCCTTCAAGGTCAATGTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081185
Insert Size: 8181 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_001081185.1, NP_001074654.1</u>
RefSeq Size:	9166 bp
RefSeq ORF:	8181 bp
Locus ID:	68794
UniProt ID:	<u>Q8VHX6</u>
Cytogenetics:	6 12.36 cM
Gene Summary:	<p>Muscle-specific filamin, which plays a central role in muscle cells, probably by functioning as a large actin-cross-linking protein. May be involved in reorganizing the actin cytoskeleton in response to signaling events, and may also display structural functions at the Z lines in muscle cells. Critical for normal myogenesis and for maintaining the structural integrity of the muscle fibers.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>