

Product datasheet for **MC217468**

Zfp397 (NM_027007) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Zfp397
Synonyms:	2810411K16Rik; 6720480F11Rik; AI461664
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217468 representing NM_027007
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGTGGAATCCAGAGCAATTTCAACTTTAAACCTCAGGACCATCAAGAAGAATTAATACTAGTGA
 AAATAGAAGATAGTAGCTTTCTTGGAGTCAGAAATGTAAACAGAAATGGGAGTGCCCAATCTTGCCAAGA
 ATTATTTGCCAGCAATTCAGGAAGTTTGTCTATCATGAAACACCTGGGCCCCGAGAGGCTCTGGGGCGA
 CTCCAGGAATTTGCCATCAGTGGCTAATGCCAGAGTTGCACACAAAGGAGCAGATCCTAGAACTGTTAG
 TGCTGGAGCAGTTCTGAGCATCCTACCTGAAGAGCTGAAGATATGGGTTCAACAACATGGTCCAAAAAG
 TGGTGAGGAAGCTGTGACTCTACTGGAGGATTTGGAGAAAGAGTTTGATGATCCGGGGCAGCAGGTCCCA
 GATAATCTACAAGGACCGTCAGTGTCTATGAAAGATTTGACATATCTCAAAACATCCCAAGATTCAACCA
 GCATCCAAGTCCGGCCTTTGAAGACACAGCTGAAATCCTGGAATCCTTGCTTTCTCTAAAAGTGATGC
 TAAGAATAATGAATCAACAGCAAAAGAGGACATTTAGAAGAAAAAGCACCAGAACTCTTTGGGATCCT
 TCATGTAGAGGTGTGAGTGAGCAGCAAAAGCAATTTAGAATGGCAGCAAAAGAGTTCCCTGTCCACAGGG
 GCAGTTTTAGTCAAGTGATCTTCACACACAAATCCTTAGCAAAGAGAGACCATCTTGATGAATCTCAAAG
 ATGCTTGATTATAAGTACAACTCTGTAAATGTGAGAAAGTCTTACAGATGACAGACCTTACAGATGT
 GATGTATGTGGCATAGCTTTAAACAACATTTCTCTTAACACAACATCAGAGAATACATACTGGAGAAA
 AGCCCTATAAATGTAATCAGTGTGGGAAGGCTTTAGTTTGAGGTATATCTTATTATTCAGAAAAAT
 CCATAGTGGTGAAGGAGCATATGAATGCAATGAATGTGGAAGGCTTCAATCAGAGCTCAGCTCTCACT
 AGACATCGGAAAATTCATACAGGTGAGAAAGCTTGTAATGTAATGAGTGTGGAAGCATTTCAGTCAAA
 GTTCTTACTTAATTATACATCAAAGAATTCACACTGGTGAGAAACCCTATGGGTGTAGTGAATGTGGGAA
 AACCTTTAGCCAGAGCTCAAAGCTTATTAGACATCAGCGAATTCATACAGGAGAGAGACCATATGAATGT
 AATGAGTGTGGAAGGCTTTCAAGCAGAGCTCAGAGCTGATTACCCATCAGAGGATACACAGTGGAGAGA
 AACCTTATGAATGTAATGAGTGTGGAAGGCTTCAGTCTGAATTCAAACCTCATAAGACATCAAAGAAT
 CCACAGTGGAGAGGAGCCTTATCAGTGTAACTGTGGCAAAACCTTCAAAAGGAGCTCAGCCCTTGTT
 CAGCACCAGAGAATCCACTCTGGGGATGAAGCGTATATATGAATGAATGTGGAAGGCTTTTAGGCACA
 GGTCAGTGTTAATGCGCCATCAGAGAGTCCACACTATTAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027007

Insert Size: 1584 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027007.2, NP_081283.2</u>
RefSeq Size:	5487 bp
RefSeq ORF:	1584 bp
Locus ID:	69256
Cytogenetics:	18 A2