

Product datasheet for **MC220095**

Zfp746 (NM_001163475) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp746 (NM_001163475) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp746
Synonyms:	2810407L07Rik; AI317225; Znf746
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220095 representing NM_001163475
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGAGGCGGCCGCGCTCCGATTTCTCCATGGACAATGGCAGCTACAATTCAGGCTATGGAGAGGA
AGATTGAATCACAGGCTGCTCGACTGCTTTCTCTAGAAGGTCGAACTGGGATGGCAGAGAAGAAGCTGGC
TGAATGTGAGAAGACAGCTGTGGAGTTCAGCAACCAGCTGGAGGGCAAGTGGGCCGTGCTGGAAACCTG
CTGCAGGAATATGGGCTGCTGCAGCGGCCGCTGGAAAATGTGGAGAATCTGCTACGCAACCAGGAACTTCT
GGATTCTTCGGCTTCCCCAGGCAGCAAGGGCAGGTCCCCAAGGAGTGGGGCAAGCTGGAGGACTGGCA
GAAGGAGCTCTACAAGCATGTGATGAGGGGCAACTACGAGACACTGGTCTCCCTGGACTATGCCATCTCC
AAACCTGAGGTCCTCTCCAGATTGAACAAGGCAAGGAGCCATGCACCTGGCGTCGCACTGGGCCAAGG
TCCCGGAGGTTCTGTGGACCAAGTCCAGGCTCTGGAGCACCAGTTCCTGCCCTGACCTCCTGATGCA
AATCAAGCAAGAGGGGAGCTGCAGCTGCAGGAGCAGCAGGCTCTGGGTGTGGAAGCCTGGGCAGCTGGA
CAGCCAGATATTGGGGAAGAGCCGTGGGCCTCAGCCAGTTGGACTCTGGAGCAGGAGACATCTCCACAG
ATGCTACCTCTGGTGTCCATTCCAATTTCAACCACCATCCCACCCACTTCTGGCAAGCAGATCTCCC
TCCCCACCACCCCTTTCAGCATGCTCAGATGGGACACTGAAGCTCAACACAGCAGCATCCACAGAAGCA
GATGTAATAAATTGTTATCAAACAGAAGTCCAGGAAGAGGAGGTGGTGGCCACACCTGTTTCATCCCACGG
ACCTGGAGGCTCATGGGACTTTGTTTGCACCAGGCCAAGCCACAAGATTCTTCCCTAGCCCTGTCCAGGA
AGGAGCCTGGGAAAGTCAAGGCAGTTCCTTCCCAGCCAGGACCCAGTGTAGGCTGCGGGAGCCCACT
CGCCAGAGAGGGACATTGGTGAGCTCAGTCTGCCATAGCACAGGAGGAGGCTCCTGCCGGGATTGGC
TCTTTGGCGGAGTCAGGTGGGGCTGGAATTTCCGGTGTAACTCCAGTGGGCCTGAACCCGAGGACGGT
GCCCGAGGGGCTCCCTTCTCATCTCCAGACAACGGAGAGGCCATCTTGGACCCACGCCAGGCCCAAGA
CCCTTCAATGATCCCTGCAAATACCCTGGCCGGACAAAAGGCTTCGGCCCAAACCGGGGCTGAAGAAGC
ACCCGGCGGCACCACCCGGAGGCCGCCCCTTACCTGTGCCACCTGCGGAAAGAGCTTCCAGCTGCAGGT
GAGCCTGAGTGCCACCAGCGCAGCTGCGGACTGTCCGATGGGGCGGCCACGGGGCAGCTTCCACCACT
ACTGGAGCGGAGGTGGTGGCAGCGCGGAGGAGGAGGCAGCAGCGGAGGTGGGAGCAGTGCACGGGACA
GCAGCGCTCTGAGGTGTGGGAGTGTGGTCGCTGCTTACACGCCCTGCACACCTCATCCGCCACCGCAT
GCTACACACTGGTGAAGGCCCTTCCCCTGCACCGAGTGCAGAAAGCGCTTACAGAGCGTTCGAAGCTC
ATCGACCACTACCGAACGCACACGGGCGTCCGGCCATTCACCTGCACAGTGTGTGGGAAGAGCTTATCC
GCAAGGACCACCTCCGCAAGCACCAGCGCAACCACCTGCAGTGGCCAAGGCGCCCGCACACGGTACGCC
ACTCCCACCACTGCCGGCTCCTCCCACCCCTTCAAGAGCCCCGAGCCAAGGACCCATGGCCTCCACA
GACCTTGTGACTGACTGGACTTGTGGCCTAAGTGTCTGGGACCCAGTGTGGTGGTGGAGACCT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001163475

Insert Size: 1959 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.

RefSeq: [NM_001163475.1](#), [NP_001156947.1](#)

RefSeq Size: 3651 bp

RefSeq ORF: 1959 bp

Locus ID: 69228

UniProt ID: [Q3U133](#)

Cytogenetics: 6 B2.3

Gene Summary: Transcription repressor that specifically binds to the 5'-TATTTT[T/G]-3' consensus sequence on promoters and repress transcription of PGC-1-alpha (PPARGC1A), thereby playing a role in regulation of neuron death.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.