

Product datasheet for **MC217655**

Zfp454 (NM_172794) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Zfp454
Synonyms:	B230342N19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217655 representing NM_172794
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCTGTAGCCAGCTCCCGGCCCTGGTCCAGGACTTGGTGACCTTCAAGGATGTGGCCGTGCTTTTCA
 CCCAGGAGGAGTGGGGTCAGCTGAGCTCTGCCAGAGGGCCTTGTATCAGGATGTGATGCTAGAGAACTA
 CAGTAACCTGGTCTCACTGGCAGGTCTCTAGGATCCCAACAGATATGTTCTTTCCCTGGAGGAAGTG
 GAAGAATGTGTGTAGAGGAGGCTCCTGAGGGCTTTGTTCTGGATGCCGAGATGAACCTCACTTGGGTC
 CTCGATCTGCGTGTGAAGCTCAGGTTCCGGTTACAGGGGAAATTACAGTGGCCATGAGTAAGAAATTCCT
 CAAGGCAGATATCCCTGAGAAAGAGTCGGATCAATGGATAGCAAAGGAAAGAGCATGTGCTAACTTGTTT
 AATTGGCAGTGCCAGGAAGGTGAGGAGGTGAAGTTGCAGCAAGTGGTCCTACCCAGCAGAACACTCCAT
 CAAAAGTGTGAGCAGAGAGTCAGAGCAGAGAGCTCATCACCATCCAAAGTCAGAGATCTCAAGCAAG
 CAAAACGGCTTTTGAATGCAGCGAATGCCGGAAGCCTTCTCTAAGAGTCCACCTTAAGAAGCATCAG
 AAATTCATACCGAAAACTCAACCAAGTCAGAAATCACCAATGAAAGAGAAGCGATACAAGTGCCGAG
 AATGTGGGAAAGCCTTCCACAGAGTACACACCTCATCCATCACCAAGAGTCCACACTGGCGAGAAACC
 ATACAGTGAAGGACTGTGGCAAGGCCTTCTCAGTGAGCTTTCCTTTCCTACCAAGAGAAATCCAT
 ACCGGAGAAAGCCTTTGAATGTAATGTTGTGGAAAGCCTTTATCCGGAACATACATCTTTCCACC
 ATCATAGAATGCACACTGGAGAGAAACCTTTCCAATGCAACCTTTGTGACAAAGCTTTGTTTTGAGAGC
 ACATCTTACCAACACAGCAGCATTACAGTGGCAAGAAGCCTATAAATGTAATGAGTGTGGGAAAGCC
 TTCAATCAGAGTACAAGTTTCTGAGCATCAGAGGATCCACACTGGAGAGAAACCTTTGAATGCAACG
 AGTGTGGCAAGGCCTTCAAGGTGAAGTCTTCCCTTACTGAACACAGAGAAATCCACACTGGGAGAAACC
 ATATCAATGTATCGAATGTGGCAAGCTTTCAAGGATAAATCATCTTTGCACGCCATCGGAAAAATTCAC
 ACTGGAGAGAAACCTTACAGATGTGGCTTGTGTGAGAAAGGCTTTCAGGGACAGTCAGCCCTAGCACAGC
 ATCAGAGAACTCACACTGGGGAAGCCTTACACGTGTAACATATGTGAGAAAGCCTTCAGTGACCATTC
 GGCCCTTACCAACATAAGAGAATTCACAGAGAGAAAAACGTACAAATGTAAACCTGTGGGAAAGCT
 TTTATCCGAAGCACACCTCATTCAACACAGAGGATTCACACGGGAGAGAAACCTTACAAATGTAACA
 CATGCCGGAAGCCTTCAACAGAGTGAAACCTCGCTCAGCACCAGAGGCATCACACTGGAGGAAAGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172794

Insert Size: 1611 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_172794.2, NP_766382.2</u>
RefSeq Size:	2079 bp
RefSeq ORF:	1611 bp
Locus ID:	237758
Cytogenetics:	11 B1.3