

Product datasheet for MC214649

Zfp703 (NM_001110508) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp703 (NM_001110508) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp703
Synonyms: 1110032O19Rik; AI430822; AL022941; Csmn1; End2; Zeppo1; Znf703; Zpo1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC214649 representing NM_001110508
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGATTGCGCCGCTGGATCTAACCCAAGGACACCCGAAAGCAGCGGCAGCGCGCGGCAGCAGCA
 GCGGCGGCGGCGCGGGAAGAGGCCGGTCCGGCAGTGGTGTCCCTCCTGCCCGGCGGACCCCT
 GCGCCAGGCGAACCGGCTCCCTATCAGGGTCTGAAGTGCTGAGCGCTCACACCGGTACCTCCTGCAC
 CCGGAGTACCTGCAACCGCTGTCTCCACCCGTGAGCCCAATTGAGATGGGAAAATTATCTGAAAGG
 GGCGAATCACCATCCGGATTACAGAGAAGTCACCTTTAACGGGAGGGCTGTGGTTGAGCCATTTCTCT
 GCGGCCAGCGCCCATGTCACTCGGGGACTAA

A**CGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001110508
Insert Size: 384 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001110508.1</u> , <u>NP_001103978.1</u>
RefSeq Size:	3320 bp
RefSeq ORF:	384 bp
Locus ID:	353310
Cytogenetics:	8 A2
Gene Summary:	<p>Transcriptional corepressor which does not bind directly to DNA and may regulate transcription through recruitment of histone deacetylases to gene promoters. Regulates cell adhesion, migration and proliferation. May be required for segmental gene expression during hindbrain development.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an additional exon compared to transcript variant 1. This causes a frame-shift and early translation termination, resulting in a shorter isoform (2) with a different C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no quality transcript from the reference strain (C57BL/6J) was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>