

Product datasheet for MR202138

Zfand3 (NM_148926) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfand3 (NM_148926) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Zfand3
Synonyms: AW539211; TEG-27; Tex27
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR202138 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGAGACGCCGGGAGCGAGCGCAGCAAAAGCGCCAGCCTGCCGCTCGCTGTCCCTGCGGTTCTGGG
 GGTCCAGCAAGACTATGAATCTCTGTTCCAAATGCTTTGCTGATTTTCAAAGAAACAACCATGATGA
 TTCCACCCCAAGTACAAGTAACAGCCAATCAGATTTGTTTCCGAAGAGACCACCATGACAACAACAT
 ACCTCTGTAACCACGCCAACTCTTAGTCCAGCCAGCAGTCGCTCCGACAGAAGTGAATGTAATTCAC
 CGAGTACAGAGGAATATTCACAGTCCGAGAACGAGGCCTCACCCGTGAAGCGACCGGACTAGTAGAGAA
 CCCCGAGCGGCCCTGAGGAGAGCGCCGGTCAAGCAGAAGAGCCGCGCCGCTGCTTCCAGTGCCAGACC
 AAGCTGGAGCTGGTGCAGCAGGAAGTGGGATCCTGTCGCTGTGGCTACGTGTTCTGTATGTTACATCGCC
 TCCCAGAGCAGCAGACTGTACGTTCCAGCACATGGGCGGTGGCCGTGAGGAAGCCATCATGAAAATGGT
 GAAACTGGACCGAAAGTGGGGCGCTCCTGCCAGCGCATCGGGGAGGGGTGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202138 protein sequence
 Red=Cloning site Green=Tags(s)

MGDAGSERSKAPSLPPRCPCGFWGSSKTMNLCSKCFADFQKKQPDDSTPSTNSQSDLFSEETSDNNN
 TSVTPTLSPSQSLPTELNVTPSTEEYSQSENEASPVKRPRLVENPERPEESGRSKQKSRRCFCQQT
 KLELVQQLGSCRQGYVFCMLHRLPEQHDCTFDHMGRGREEAIMKMKVLRKVKVGRSCQRIGEGCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_148926

ORF Size: 618 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_148926.1](#)

RefSeq Size: 2664 bp

RefSeq ORF: 618 bp

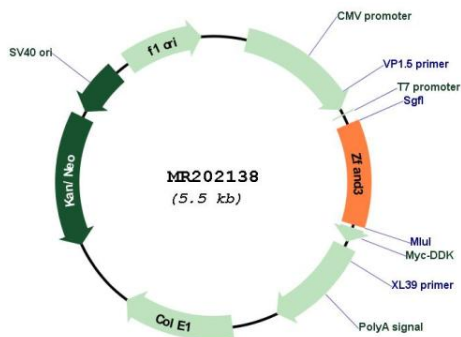
Locus ID: 21769

UniProt ID: [Q497H0](#)

Cytogenetics: 17 A3.3

MW: 22.9 kDa

Product images:



Circular map for MR202138