

Product datasheet for MC212746

Fez2 (NM_199448) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fez2 (NM_199448) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fez2
Synonyms: 9030616F16; D17ErtD315e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212746 representing NM_199448
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGACGGGGACTGGCAGGATTTCTATGAGTTCAGGAGCCGGCCGGGAGTGTCAGGAACAGG
AGAAGTGAACGCGAGCCCGGAGGCTGGCGGGGGCACACGCGGGCGGACAGCTTCCCGCGCTGGC
TTCCAGCCTGGAGGAGAAGCTGAGCCTGTGCTTCCGCCACAGTCGGAGGCCGAGCCCCACGGCGGCC
GTGCGGCCATCACGGAGTGCAGCCTCCTGCAAGGGGACGAGATTTGGAATGCCCTGACAGATAACTATG
GGAATGTCATGCCTGTAGACTGGAAGTCGTCACATAACAAGGACCTTGCAATTTGCTTACTCTGAACCTCTC
GGAGAAAGGGATGAACGACGGCTTGCTCTTTGACGCCTCGGATGAGGAGGAGCTGAGGGAGCAGTTGGAC
ATGCATTCGATCATTGTCTCCTGTGTCAACGAAGAGCCTCTTCACTGCAGACCAGGTGATTGAAGAAA
TTGAAGAAATGATGCAGGAGTCACCAGACCCAGAAGACGACGAGACCCCCACACAGTCAGACCGGCTCTC
TATGCTCTCCAGGAGATTCAGACTCTCAAGAGGTCTAGCATGAGCAGCTATGAAGAGCGAGTGAAGAGG
CTGTCCGTGTCTGAGCTAAACGAAGTCTGGAAGAGATCGAGGCAGCCATTAAGCAGTACTCTGAGGAGC
TGGTGCAGCAGCTGGCCCTGCGAGATGAAGTTCGAGTTCGAGAAGGAAGTGGAAAACAGCTTCATTTCCGC
TCTGATTGAGGTGAGAACAAGCAGAAAGAACACAAGAGACAGCCAAGAAGAAGAAGCTCAAAGT
GGCAGCTCTCAGAACGGGAGGAGTGAGAGAAGTACATGCCGGGCACATATCTGACGACAGTCATCCCTT
ACGAGAAGAAGAGTGGCCCGCCGTCCTGGAAGATCTTCAGATACTAACCAAAATCCTGCATGCCATGAA
GGAGGACAGTGAGAAAGTCCAAGCTTGTAAACCGACTATATACTGAAAGTTCTGTGTCGCACATAG

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_199448



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Insert Size:	1047 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:	<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.
RefSeq:	NM_199448.3 , NP_955519.1
RefSeq Size:	1967 bp
RefSeq ORF:	1047 bp
Locus ID:	225020
UniProt ID:	Q6TYB5
Cytogenetics:	17 48.57 cM
Gene Summary:	Involved in axonal outgrowth and fasciculation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region compared to variant 1. The encoded isoform (2) is shorter than 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.