

Product datasheet for MC202571

Fezf2 (NM_080433) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fezf2 (NM_080433) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fezf2
Synonyms: AI451466; AI852056; Fez; Fezl; Zfp312
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC055718 sequence for NM_080433
GGCGCCCATGGCCAGCTCAGCTTCCCTGGAGACCATGGTGCCCCGGCCTGCCCGCGCTGGAGCGTC
ACCGGCCACTTCTAAAACACTAGCTTTCTCTATCGAGCGCATCATGGCCAAGACGTCGAGCCCCGAGCG
CCTTTTCGAGCCCCGGCCTGCTGCGTTAGAGGCAGACAGCAGCAGCAAGAAACTGCTCAACCTCTGCT
CGCCGCTGCCCTGTATGATCCCTCTCCAGCCTCTAGGCTACGAGGTGCCGTCCAAGACGCTGCTCAGTTA
CTCGGAGTTCTGGAAGAGCAGCCTCCGGCGGGCGGCGGTGGAGGAGGAGGCAGCGGGGGGGCCCCA
GTGTGCGGCGCCAGCGGCTTGTGCAAAACCAACTGTGGCGTGTGCTGCAAGGCCGAACTGGGCTCGCGC
CTTCTGCGCTGCCCGCCGCGGAGGTCATCAAACCCAGGTCATCAACCAGGCTGTGGGCTGCTGCCAG
CGGCTCTCTACTACTTCAACTACCTGGACTCCACCGCTTACCCACCTTCGGAGCTCCTCGGAGGCCAC
CTTTTCCCATCCGGCCTCTCAACGCACAGGCCCCCACTTCCCTGGCTGCTCACCCCAAGCTTTTTCTGC
TGGAGAACGCCAAACTGGCCAGCCTGGTGGGACAAGTTCACCCACCCAGCTTCTATCCCCATAAGGA
GCGCTTGCATGCGCCACTGGAGCAGGTGCTGAAGGAGAAGTTCGGCCTTGACAGCTGAACGAGGGGAGTC
AAGAGCCACAGCAAACCTACCGGGGGCTCTACTGACAGCAAACCCAAAACTTCACTGCGAAGTGTGCG
GCAAGGTGTTCAATGCTCACTATAACCTCACCCGCCACATGCCTGTCCACACCGGAGCTAGACCGTTTGT
GTGCAAGTCTGTGGCAAAGGCTTCCGCCAGGCCAGCACTCTCTCGAGACACAAAATTATCCATACCCAG
GAAAAACCACATAAGTGTAAACAGTGGGCAAAGCCTTCAATCGCAGCTCCACGCTCAACACGCACATCC
GCATCCACGCGGGCTACAAGCCCTTCGTCTGCGAGTTTTGTGGCAAAGGCTTTTACCAAAAAGGGAAC
CAAGAATCACAAGCTCACCCACAGCGGGGAGAAAGCAGTACAAATGCACTATCTGTAAACAAGGCCTTCCAT
CAGGTTACAATCTGACCTTCCACATGCACACCCACAACGACAAGAAGCCTTTTACGTTGCCACTTGGC
GCAAAGGTTTTTGCAGAACTTTGACTTAAAGAAACATGTGCGCAAACCTTTCATGACAGCGTGGGTCAC
CGCCACCCCTCAGCAAAGGACCTAGCCAGGACAGTTCAGAGCTGAGAGCTACTGCCTTGTCCGTTCTTC
CTGCCCTGTACCAACCAAGCAGATCTCACGTATAAACTATTTCTAAAATTTAAAAGAAAAAAAACAT
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_080433



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Insert Size:	1368 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:	BC055718 , AAH55718
RefSeq Size:	2149 bp
RefSeq ORF:	1368 bp
Locus ID:	54713
UniProt ID:	Q9ESP5
Cytogenetics:	14 A1
Gene Summary:	Transcription repressor. Required for the specification of corticospinal motor neurons and other subcerebral projection neurons. May play a role in layer and neuronal subtype-specific patterning of subcortical projections and axonal fasciculation. Controls the development of dendritic arborization and spines of large layer V pyramidal neurons. Plays a role in rostro-caudal patterning of the diencephalon and in prethalamic formation.[UniProtKB/Swiss-Prot Function]