

Product datasheet for RN211709

Efhd2 (NM_001031648) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efhd2 (NM_001031648) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Efhd2
Synonyms:	MGC114423
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211709 representing NM_001031648 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACGGACGAGCTGGCCAGCAAGCTGAGTCGGAGGCTGCAGATGGAGGACGAGGGCGGCGAGGCGA
CGGAGCAGCCGGGGCTCAACGGGGCGGCAGCGGGCGGCGGAGGCTCCCGACGAGACTGCCAGGCGTT
GGGACGCGGGACGACGAGCTGAGCGCCAAGCTGCTGCGGCGCGGACCTCAACCAGGGCATCGGCGAG
CCGAGTCGCCAGCCGCGCGTCTTCAACCCCTACACCGAGTTCAGGAGTTCTCCAGGAAGCAGATCA
AAGACATGGAGAAGATGTTCAAACAGTATGATGCGGGCAAGGATGGCTTCATCGACTGATGGAGCTGAA
ACTCATGATGGAGAAGCTGGGGGCCCCAGACGCACCTGGGCCTGAAGAGTATGATCCAAGAGGTGGAT
GAGGATTTTGACAGAACTCAGCTTCCGGGAGTTCCTTCTGATCTTCCGCAAGGCGGCAGCAGGGGAGT
TGCAGGAAGACAGTGGCTTGCACGTCTGGCCCGCTCTCCGAGATTGATGTCTCCACAGAGGGCGTCAA
GGTGCCAAGAACTTCTTCGAGGCCAAGGTGCAGGCCATCAACGTGTCCAGCCGCTTTGAGGAAGAGATC
AAAGCCGAGCAGGAGAAAGGAAGCAGGCTGAGGAGGTGAAGCAGCGAAAAGCGCCCTTTAAGGAGC
TGCAGTCCACATTCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001031648
Insert Size:	720 bp



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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:	<u>NM_001031648.1</u> , <u>NP_001026818.1</u>
RefSeq Size:	2135 bp
RefSeq ORF:	720 bp
Locus ID:	298609
UniProt ID:	<u>Q4FZY0</u>
Cytogenetics:	5q36
Gene Summary:	May regulate B-cell receptor (BCR)-induced immature and primary B-cell apoptosis. Plays a role as negative regulator of the canonical NF-kappa-B-activating branch. Controls spontaneous apoptosis through the regulation of BCL2L1 abundance.[UniProtKB/Swiss-Prot Function]