

Product datasheet for **RN209228**

Eef1d (NM_001013104) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eef1d (NM_001013104) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eef1d
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209228 representing NM_001013104
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGTGGGAAGCCCTCTTGTGCGCTGGAGACCGTCTGGAGGACAAGCACAAGTATGAGGAAGCCG
 AGCGGCGCTTCCACGAGCATGAGGCCACACAAGCCGCGCCGCTCTGTCCAGCAGCTCCTGGCCGAAGT
 GCCAGCTGTGAACGGGCCAGCAGCCAGGAGGACGCGGAGGACACCGACGAGGCAGAAAACCCCAACACC
 AGCAGCAGGAGTGATCCTAGGAAGAGCCAGAGTGCAAGAAGCCGTTACAGAAAAAGAGGAAGCGCTCCC
 CGAAGAGTTGGCTTGGCCAGGCGGACCTGGCCCTTGTGGGCTCTCAGCTGACCACGTATGGTTGGACAA
 GCCACTCTTTGACCAGGCAGAAAGCTCCTACCGCCAGAGGCTGGCAGATGTAGCTGCCAGGCAGCCAG
 TCGCTGCCCTGGCCCTCGAGGGCCCTGTACACATGGAAGCCATGTGGCGTGCCACCATGTGACCTGGG
 GGATCTGGGTCAACAAGTCTTGCTTTGATCAAGCTGAGCGGGCTTTTGTGGAGTGGTCTCAGGCCTTGT
 GCTGGCTGCAGAGGGGAGCCATAGGGAGGGGACTCCTGACACAGGCCAGCAGGCTGTCACTCCTGACCTG
 GCCTTGGCCTGCCAGCCTTGTCCACCAGCAATGGCCAGCCTCCTCTGGGAGCCTGCAGGCACTGGTGA
 GGGAGGTATGGCTGGAAGCCCGTTATGATGCAGCTGAAAGGGGCTTCTATGAGGCCCTATTTGATGG
 CCACCCCCAGGGAAAGTGCCTGTCAGGAGCGAGCCAGTCAGGCGGAGGGTACTCGGAGGGGCCGAGA
 GACCGTCGGAGCCGAATACTGTAGGAAACAAGCGAGCTGGGTCAAAACGGGCCGATGGGGAGGCTCCTT
 CTGCCCTTGGCCTACTGGTACTTCTGCACAAGGACGCAGAGGCCCCCTGGCTTAGCAAGCCGACCTACGA
 CAGCGCCGAGTGTGCCACCATGCCCGGAGGCCCTGCGGATTGCCTGGCGCCTAGAAGCTGCCTCACTG
 GCTCACCGACCCACGCCCGTTCTGGCCATCCATGTCCAGCCTGAGACCCAAAAAATGGCTACAAACT
 TTCTCATGCACGAGAAAACTGGTTTGACAAGTTAAATATGACGATGCAGAAAGGAGATTTCTACGAGCA
 GATGAATGGGCCTGTGACCCTGGCTCTCGGCAGGAGAATGGCGCCAGCGTGATCCTCCGAGACATTGCA
 AGAGCCAGAGAGAACATCCAGAAATCCTTGGCTGGAAGTTCAGGCCCTGGAGCCTCCAGTGGACCTGGTG
 GAGACCACAGTGACCTCATTGTGCGGATTGCCAGTCTGGAAGTAGAGAACCAGAACCTTCGAGGCGTGGT
 GCAAGATTTGCAGCAGGCCATTTCCAAGTTGGAGTCCGGCTGAGCACTCTGGAGAAGAGTTCACCTACT
 CACCGAGCTACAGCCCCACAGACCAACATGTCTCCTATGCGTCAAGTGGAGCCCCAGCCAAGAAAG
 GAGCCACACCAGCAGAGGACGACGAGGACAATGACATTGACCTGTTCCGCGAGTATGAGGAAGAGGAAGA
 TAAGGAGGCTGCCGACTACGGGAAGAGAGGCTACGCCAGTACGCAGAGAAGAAGGCCAAGAAGCCACA
 CTGGTGGCCAAATCCTCCATCCTTTGGATGTTAAACCTTGGGATGATGAGACAGACATGGCCAGCTAG
 AGACTTGTGTGCGTTCCATCCAATTGGACGAGCTGGTTTGGGGGGCCTCAAGCTCGTGCCTGTCCGCTA
 TGGTATCCGGAAGCTGCAGATCCAGTGTGTGGTAGAGGATGACAAAGTGGGCACCGACTTCTCGAAGAG
 GAGATACCAAGTTTGGAGGAGCATGTGCAGAGTGTGACATTGCAGCCTTCAACAAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013104

Insert Size: 1953 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:

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_001013104.1](#), [NP_001013122.1](#)

RefSeq Size: 2042 bp

RefSeq ORF: 1953 bp

Locus ID: 300033

UniProt ID: [Q68FR9](#)

Cytogenetics: 7q34

Gene Summary: mouse homolog is a guanine nucleotide exchange protein that acts as a cadmium-responsive proto-oncogene [RGD, Feb 2006]