

Product datasheet for **RN209981**

Edem2 (NM_001004230) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Edem2 (NM_001004230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Edem2
Synonyms:	RGD1303074
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209981 representing NM_001004230
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTTCCGGCTGCTTATCCCCTCGGCCTCGTGTGCTGCTGCTGCCCTGCACCATGGTGCGCCAG
 GCCCCGAAGGCACCGCGCCCGACCCGCCCACTACAGGGAGCGAGTCAAGGCCATGTTCTACCACGCCTA
 CGACAGTTACCTGAAAAATGCCTTTCCCTACGATGAGCTGAGACCTCTCACCTGTGACGGGCACGACACC
 TGGGGCAGTTTTTCTCTGACACTGATTGATGCCCTGGACACCTTGTGATTTTGGGGAATACCTCTGAAT
 TCCAAAGAGTGGTGGAGGTTCTCCAGGACAACGTGGACTTTGATATCGACGTCAATGCCTCTGTGTTTCA
 AACCAACATCCGAGTGGTAGGAGGACTCCTTTCTGCTCACCTCTGTCAAAGAAGGCTGGTGTGGAGGTG
 GAAGCTGGATGGCCTTGTCTGGACCTCTCCTCAGGATGGCGGAGGAAGCAGCCCGAAAACCTCTCCAG
 CGTTTCAGACCCACGGGCATGCCCTATGGAAGTGTGAACCTGCTTCATGGCGTGAACCTGGAGAGAC
 TCCTGTTACCTGTACAGCAGGGATTGGGACCTTCATTGTGAATTTGCTACCCTGAGCAGCTCACCGGT
 GACCCTGTGTTTGAAGATGTGGCCAGAGTGGCCCTGATGCGCCTCTGGGAGAGCCGGTACAGATATTGGGC
 TGGTCCGCAATCACATCGATGTGCTCACTGGCAATGGGTGGCTCAGGACGCAGGCATCGGGGCTGGTGT
 GGATTCCTATTTTGTGACCTGGTAAAAGGAGCCATCCTCCTCAGGATAAGAAGCTCATGGCCATGTTT
 CTAGAGTACAACAAGCCATCCGGAATTACACGCACCTTCGATGACTGGTACCTCTGGGTGCAGATGTACA
 AGGGGACCGTGTCCATGCCTGTCTTCCAGTCTTGGAGGCCTACTGGCCTGGTCTTCAGAGCCTTATTGG
 GGATTTGACAATGCCATGAGAACCTTCTCACTACTACACTGTATGGAAGCAGTTTGGGGGCTGCCA
 GAATTTACAACATTCCTCAGGGATACACAGTGGAGAAGCGAGAAGGCTACCCACTCCGACCGGAGCTCA
 TCGAGAGCGCAATGTACCTCTACCGTGCCACAGGGGATCCACTCTTTAGAAGTGGGAGAGATGCTGT
 GGAGTCCATTGAGAAAAATCAGCAAGGTGGAGTGGGGTTTCGCCACGATCAAGGACCTCCGGGATCACAAA
 CTTGACAACCGCATGGAGTCTTTCTTCTGGCCGAGACTGTGAAATACCTCTACCTTCTGTTTACCCAA
 ACAACTTCATCCACAACAATGGCTCCACTTTTACTCTGTGATGACCCCATGGGGAGTGCATCTGGG
 AGCTGGGGGCTACATCTTCAACACGGAAGCTCACCCATCGACCTGCCGCTTGCAGTGTGCGGAGG
 CTGAAGGAAGAGCAGTGGGAAGTGGAGGACTTGATAAAGGAGTTCTACTCTCTCAGACAGAGCAGGTCAA
 GAGCTCAGAGAAAGACAGTGAAGTTCGGGGCCCTGGGAGCCCCAGCAGGGCCAGGCACACTCTCCTCACC
 TGAACCAGCCAGGGAGAAGCAGCCTGCCAGGCAGAGAGCCCCGCTCCTCAGTGCCCCAGCCAGCC
 TTCCTTCTAAACTGGCCCTGCTAGGCCAGTTTTCTAGACTCTCTAA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001004230

Insert Size: 1731 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_001004230.1](#), [NP_001004230.1](#)

RefSeq Size: 1898 bp

RefSeq ORF: 1731 bp

Locus ID: 296304

Cytogenetics: 3q42