

Product datasheet for **RN217344**

Edem3 (NM_001191671) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Edem3 (NM_001191671) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Edem3
Synonyms:	RGD1561496
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217344 representing NM_001191671

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGAAGCCGGCGGCCGGGGCTGTGGGTGCCGGTCCCCAGCGAGCGTATGGAGCCTGGTGG
CAGCGACGGCCGCGCTCTATCTGATGTTGGCCACGACCGTGTGCACGGCAGGGGCCGCGCCATGAGTAG
GGAAGAGAAGCAGAAGCTTGAAATCAAGTCTGGAAATGTTTGATCACGCTTACGGCACTATATGGAA
CATGCCTACCCAGCTGATGAACCATGCCTTTAACCTGTCGAGGTCGTGTGAGAGCCAGGAGCCAAAGCC
GGGGTGACGTGGATGATGCCTTGGGAAAGTTTCCCTAACACTGATCGATTCTTTGGACTCTTGTGGT
ATTAACAAAACAAAGGAATTTGAAGATGCAGTGAGAAAAGTTTTAAGGGATGTTAATCTAGATAATGAT
GTAGTTGTTTCAGTCTTTGAAACAAACATCAGAGTTCTTGGGGTCTTTGGGTGGACTCGTGGCAA
TCATGCTGAAGGAAAAGGGGAATACATGCAGTGGTATAACGACGAGCTTCTCAAATGGCAAAGCAGCT
GGGTTACAAGCTCCTCCAGCTTCAACACTACCAGTGGCCTTCCATATCCAGGATTAATTTAAAGTTT
GGCATCAGAAAACCGGAAGCCCGGACGGAACTGAGACGGACACCTGCACGGCCTGTGCAGGCACCTTGA
TCCTTGAGTTTGCTGCATTGAGTCGGTTCACAGGAGCTACAGTATTCGAGGAATATGCAAGAAAAGCTCT
TGATTTTCTCTGGGAGAAAAGACAGCGAAGTAGCAATTTAGTAGGCGTACTATCAATATTCATACTGGA
GACTGGGTGCGCAAAGACAGTGGAGTTGGAGCAGGGATCGACTCATATTAGAGTATCTGTTGAAAGCCT
ATGTCTTGCTCGGAGATGACAGTTTTCTGGAAAGATTTAATACACATTATGATGCCATAATGAGGTATAT
TAGCCAGCCCCCTCTCTGCTCGATGTGCATATCCACAAACCAATGCTCAATGCCCGACCTGGATGGAC
GCACTGCTTGCCTCTTCCAGTTTGCAGTTTTAAAGGGTATATTAGACCTGCTATTGAAACTCATG
AAATGTTATACCAGGTGATTAACAAACCAACTCTACCAGGCACTTACTACAGATTTACTACAGATTCA
CTGGGCTCAGCACCCCTAAGGCCAGAGTTTGCAGAGAGTACCTACTTCTTATATAAGGCTACAGGAGAC
CCTTACTACCTTGAAGTAGGAAAACACTTATTGAAAATTTGAATAAATACGCTCGAGTGCCTTGGGAT
TTGCTGCCATGAAGGATGTTGCGACTGGGAGTCATGAGGACAGAATGGATTGTTCTTCTGGTGAAAT
GTTCAAATATCTGTACCTGTTATTTGCTGATAAAGAAGACATTATTTTGACATAGAAGACTATATCTTT
ACAACAGAGGCTCATCTGTACCTTTGGCTTCTACCACAAACCGAAACATCTCGAAGAAGAACACAA
CCTCAGAATACACAGAACTGGATGATAGTAACTTTGATTGGACTGTCCAACACGCAGATTCTTTTTCC
TAATGATCCATTGATGCCAGAGCATCCGTGAACCTTGAACAAAGCTGGTGGATAAGAGCTGTCCAAGA
GGCATCATCAGAGTAGAGGAGAGTTTCAAGTGGAGCTAAGCCTCCTCTGAGAGCCAGAGATTTATGG
CCACTAACCTGAACATTTAGAAATCCTGAAGAAGATGGGGTGAGTTTGATTCACTCAAAGATGGGCG
AGTCCAGCTGGTCCAACATGCAATCCAAGCTGCGAGTTCAGTTGATGCTGAGGACGGGTTGCGGTTTCATG
CAGGAGATGATAGAGTTGTCAGTCAAGACAGAAGGAGCAGCAGCTGCCTCCTCGAGCTGTACAGATTA
TCTCCCACCAATTTTTGGCAGGGTAGTCTTAACTGCTGGACCAGCTCAGTTTGGGCTGGATCTGTCTAA
ACACAAAGAGACAAGAGGATTTGTTGCAAGCAGTAAACCATATAATGGCTGTTCCGAGCTCACTAACCTT
GAGGCAGTGATGGGAAAATGCCTTGATACAAAGAGGACAGTGCATGTTTGCAGAAAAGGCTCGAAACA
TCCAGAATGCTGGCGCCATCGGTGGCATTGTGATTGATGACAATGAGGGGAGCAGCAGTGACACAGCCCC
CCTGTTCCAGATGGCTGGCGACGGGAAAGACACAGACGACATCAAGATCCCCATGCTGTTTCTGTTGAGC
AAGGAAGGCAGCATCATCTTGGACGCCATCCGTGAGCAGCAGCAGGTGGAGGTGCTCCTTTCTGACAAAG
CGAGAGACCGAGATCCTGAGGTGAAAAATGAAGACCAGCCGCTTCTGAAAACGACTCTCAGAATCAAAG
TGACAGAGCAGATGCTGCCACTTCTCAGACAGTCGGCTTGGCTGATCAGGAGAGCCCTGGAAACCTCTG
GAGTCTCCCTCAGAGCCACCATCGCCAGCAGACAGTGAAGAGGCTGCGGGCTTTGCGCTTCTGAACAGA
TCTCTAGCCCCACAGAGACCCAGGAGACGGCAGGTCTTGTGGTGGTGCACAGACTTAGATAACCAGCT
TCAAGATCAACCCGAAACCGAGGAAGACCCAGTCCGAACGTGAGCTGGGGTACGAAGGCCAGCCTATG
GACTCCATACTAGCAGACTGGAATGAAGACATAGAAGCATTGAAATGATGGAGAAGGACGAACT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001191671
Insert Size:	2799 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191671.1, NP_001178600.1</u>
RefSeq Size:	2917 bp
RefSeq ORF:	2799 bp
Locus ID:	289085
Cytogenetics:	13q21