

Product datasheet for **RN211061**

Exd1 (NM_001107761) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exd1 (NM_001107761) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exd1
Synonyms:	Exd1; RGD1561009
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211061 representing NM_001107761
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGCCAGCAGTACTACCATTTCCTCAACCAGATTTTGTGGAGAAGGGTGAAGCTCACACTGGTGT
 CTGGCATCTTTGAGGGCGTGTCCAGCATGTGGATCCTAACAAGATTGTTGTCTGAAAAACGTGAAGAA
 CATAGAGTCAGGCCGAAGTGTCCAGGAGTAAAAATGTTTTTCGGGCATGAGATTTGAATGTGGAACTA
 ATGGATGAAGCAGAAGGTGCATCGGGAGAAAAGGTGAACTCTGTTAGCATAAATACAGAACGAGCTGGAA
 TGGAGAAAATGAAAAAGGAAGACTTAAATGTATGTGAGCCTGCCTCACCTGCACCAGAGGTGCCAACCCAG
 CTCTCTCCTCAGTGACCTCAAGTACTGCCATCAGAGGAAGAGGAGGTGACGTATACGGTCATTGATCAG
 TTCCAGCAGAAGTTGGTGTGCGATGTCCACATTAAGAAGCAGAGTGTCTGAGTGTCTGCTGCTGAAG
 GAGCTAATGTGTGTGCGCATGGGAACTCTGTTGGCTTCAGGTAGCCACAACAGCCGAGTTACTTGT
 TGATTTTTCTTCTGGGAAGCCGTGCTTCAACAATGGACTTCAGATGATCTTAGAAGACAAGAGAATC
 TTAAGGTTATCCACGATTGTGCGTGGCTGTCTGATTGCCTGTCTCATCAGTATGGAATCATGCTGAGCA
 ATGTCTTTGACACACAGGTAGCCGATGTCTTCAGTTTTCTATGGAACGGGTGGCTTTCTTCAAACCTG
 TATCAGTACTTTGAGGAGTGTTAATCAGACACCTTAAAGTTGCCCCAAATACCTTTTGTTTTGAAG
 GAGAGACAGAAACAGATTGAGAAAATCCAGAAGTATGGCTGACAAGACCCCTTCCACCCTTTTATTGA
 AAATCTTGGCCCTGGAACAGCCTACCTGCTTCCCCTTCGGCTGGTGTCTCTGGATGAGGTGATGTCAGA
 TTTGACCACACTGGTGGATGCGTACCTGAACACCTACCGGGATGGGTCTGCAGACCGGCTTGCCGGCACA
 GAGCCTGCGTGTATGGAGCTGCCTGCAGAGCTTCTTCAACTCCAGGACTCCAGAAGCAGCGCAGAGAGA
 GAGCTGCAAAGGAGTACAGAGTGAACGCACAGGGCCTCCTATAAGGACGCTGTACACCCAAAGGAGCC
 AGGGGCTCGCACAGTGGGAAAGAGGAGCACCAGGGTTTCTTATTTTGAAGACGTCTGGTGTAGAC
 CGGTTTCTCGCTTTATATGTCACGACTCTCATAAGGATGAGAATTATTTGGATAAAGAGTCTAAACAAA
 CCACAGAAAAGTCACAAATCGTACCTCCCTGGAAGGAAGGCGAAAAGAGCAAACAGTGTGTGGGGAGCC
 AGCTGGGTGAGAAGACCCGAGAGCCAGTCCCTGCCTCCAGACAGGCATTTTCAGTCACAGTTTTCTTTA
 AAAGAGGAGATAGAACAGTTGCTGTTGGTGGAAAATAAAGGAGCTTTAACAAGCTCAAATGAAGACTCTC
 TGGTGTGCGCTTCTTTCTCAGGAAGCCTGGGAAGCACCAAGTAAAGCTCCCATCTCCCGAAAATGC
 TGTGGTTTCTGCACTTCCACCCTGTCCAGCCCTGGAGAAGACAGATTCATGGATAAGTCCGTCTCTAAAT
 CTGTTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107761

Insert Size: 1689 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_001107761.1](#), [NP_001101231.1](#)

RefSeq Size: 3435 bp

RefSeq ORF: 1689 bp

Locus ID: 311334

Cytogenetics: 3q35