

Product datasheet for **RN205246**

Exo1 (NM_001107198) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exo1 (NM_001107198) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exo1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205246 representing NM_001107198
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGATTCAAGGATTACTTCAGTTCATCAAAGAAGCTTCTGAACCCGTTAATGTGAAGAAGTACAAG
 GACAGGCAGTGGCGGTGGACACCTACTGCTGGCTTCACAAAGGAGCTATTGCTTGTGCTGAAAAGCTAGC
 CAAAGGGGAACCTACGGATAGGTATGTAGGATTTTGTATGAAGTTTGTTAATATGCTGCTTTCTTATGGG
 GTCAAGCCGATTCTCGTATTTGACGGATGTACTCTACCTTCTAAAAAGGAAGTAGAGCGGTCTCGAAGAG
 AGAGACGACAAAGCAACCTTCTAAAGGGAAGCAGCTTCTCGAGAGGGGAAAGTGTGAGAAGCCCGAGA
 GTGCTTCACTCGCTCTGTCAACATTACGCACGCCATGGCCACAAAGTAATAAAGCTGCTCGGGCCCTG
 GGAGTGGACTGCCTCGTGGCTCCCTATGAAGCTGACGCTCAGTTGGCTACCTCAACAAAGCTGGCATTG
 TGCAAGCCGTATCACAGAGGACTCTGACTCCTCGCATTGGCTGTAAGAAGGTGATTTAAAAATGGA
 TCAGTTTGGAAATGGACTGGAAGTGGACCAGGCACGGCTAGGCATGTGCAAGCAGCTGGGGATGTGTTT
 ACGGAGGAGAAGTTCCGGTACATGTGCATTCTGTGCGGCTGTGACTACCTGGCCTCCCTGCGTGGATCG
 GCTTGGCAAAGGCCTGCAAAGTCTGAGACTGGCCAACAACCCCGACATTGTGAAGGTTATCAAGAAAAT
 TGGGCATTATCTCAAGATGAACATAACGGTGCCAGAGGACTACATCACAGGGTTTATTCGCGCAACAAC
 ACTTTCCTCTACCAGCTAGTGTTCGACCCCATCCAAAGGAAGCTTATCCCTCTGAACGCCTATGGAGACG
 ACGTTAATCCCGAAACACTCACGTACGCTGGGCAGTATGTCGATGATTCCGTAGCTTCAAATAGCACT
 TGGAAATAGAGATATAAATACTTTTGGAGAGTATGACTACAGTCCGGACACTATGCCAGCCCACTCA
 AGAAGCCATAGCTGGAATGACAAAGCATGTCAGAAGTACCTGTGCGCAGTAGCATTGGCACAAGAATT
 ATTTGCTAGACTTGAGGTGAATAGTGTTCCTTCCATGCTCCTCAGTTGAAGGAAAAGCAAGTACTGTGGG
 CCTTAAACAAGTATTAGTACTAAAGGGTTAAATCTTCCAGGAAGCCTTGCCTGTTGAAGAGACCAAGA
 AATGAAGCGCTGTCTGAAGATGACCTGTTGAGCCAGTATTCGTCACCTTACAAAGAAGATCAGGGAAAATA
 GCTGTGGGAATGGCACCTCACCAACTCTTCTGAAATGTCGATCCCTGCCCAGGATGGTGGGACTGCTCA
 CAAGACAGATGCACATACCCCGTCTAGAACGAGGAATAAATTCGCAACATTCTTACAGAGGAGGAATGAA
 GAATGTGGTGCCATCGTGGTTCGCGGACCAAAAGCAGGTTTTTTTGCAGTTCTCCAGATTTTGACAACT
 TCATACCAAAAAAGGAAGCAACCAGCCTCCAAATGAAACTGTTGCCACTGGCAAAGCCACCACCAGCCT
 CCTTGGAGCATTGGACTGTCCAGACACAGGAGGACAAAAGCCAGTTGTCACAAATGGGACGCACAGTCCA
 AACACTCACATTCAGGGGATGCAACTGGGTCTCCTAAGGATGAGGCTCAGTCTTCTGAGACCAGCAAT
 TCTTGGGAACCATGTCCCACCCACTCTGGGGACACTAAGAAGTTGTTTCAGTTGGTCTGGAACTCTCGG
 GGAATTTTCAAGGACTCCAAGTCCCTCAACGAGAAGTACATTGCAGCAGTTCCGGAGAAAGAGTGAGCCC
 CCCGCCTGTCTTCTGAGGCCTGTGCACTCACTGACGTATGTGATTCAAAGAGTGGGACACTGGGTGACA
 AGTCTCAGTCTTGCATGAGCTGGACTGGTCTCACGGTCTCAGGAAAGCATAGACTCCACATGCAGCTT
 AAACACATCAAGCCTCTCGCAGCCTTCCAGTAAGGACTCAGACTCAGAGGAATCGGATTGTAACAATAAG
 TCATTGATAATCAAGGAAGTCAAGATTCCAAGCAACTTACCTCACTTCCAAAGAAAGACATACTTG
 GGCGGAACAAGGTTCTGGACTCTGTCGGTCTAGTTCTATGGACTCTTGTCTGCAACCAAGATCAAGCC
 GTTGGTGCCTGCCAGAGTCACTGGCCTGAGCAAGAAGCCAGGAAGCATCCAGAAGAGAAAACCCATGAT
 GCCGAGACAAGCCAGGACTGCAGATAAAGATCAGCGAGCTCTGGAAAACTTTGGGTTTAAAAAAGATT
 CTGAAAAGCTTCTTCTTGTAAAGGCCCTGTCTCCAGTCAAGGACAATATCCAACACTCTCCAGAGAC
 AGAAGATGAGATCTTAAACAAGCCGAGTGTGCACGTGCTCAGAGAGCAATATTTCACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107198
Insert Size: 2511 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:	<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_001107198.1</u> , <u>NP_001100668.1</u>
RefSeq Size:	5060 bp
RefSeq ORF:	2511 bp
Locus ID:	305000
Cytogenetics:	13q25