

Product datasheet for **RN205365**

Rexo2 (NM_001008326) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rexo2 (NM_001008326) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rexo2
Synonyms:	Smfn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205365 representing NM_001008326 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTAGGCGTATCCCTGGGCGCCAGGCTGTTGCGGGCGTGGTGGTAGGCGCGGGCAGTTCGGGGCGC
GAGGTGTCAGCGAAGGTAGCGCAGCCATGGCGGCAGGGGAGAGCATGGCTCAGCGAATGGTCTGGGTGGA
CCTGGAGATGACAGGATTGGACATTGAGAAGGATCAGATTATTGAGATGGCTTGCTGATAACTGACTCT
GACCTTAACATTTTGGCTGAAGGTCCCAACCTGATTATCAAACAGCCGGATGAGTTGCTGGACAGCATGT
CAGATTGGTGCAAGGAGCATCACGGAAGTCTGGTCTTACCAAGGCCGTGAAGGAGAGTACAGTTACACT
GCAGCAGGCAGAGTATGAATTTCTGTCTTTGTACGACAGCAGACTCCTCCGGGGCTCTGTCCACTTGCA
GGGAACCTCAGTTCATGCAGATAAGAAGTTTCTTGACAAACACATGCCCCAGTTCATGAAACATCTTCACT
ATAGGATAATTGATGTGAGCACTGTAAAGAGCTGTGCAGACGCTGGTATCCGGAAGATTATGAATTTGC
ACCGAAGAAGGCTGCTTCTCACAGGGCACTGGATGACATTAGCGAAAGCATCAAAGAGCTTCAGTTTTAC
CGAAATAACATCTTCAAGAAAAAGACAGATGAAAAAGAGGAAAATTATAGAAAATGGGAAAAATGAGA
AGCCCGTGAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001008326
Insert Size:	714 bp



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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:	<u>NM_001008326.1</u> , <u>NP_001008327.1</u>
RefSeq Size:	1208 bp
RefSeq ORF:	714 bp
Locus ID:	300689
UniProt ID:	<u>Q5U1X1</u>
Cytogenetics:	8q23
Gene Summary:	3'-to-5' exoribonuclease specific for small oligoribonucleotides. Active on small (primarily <=5 nucleotides in length) single-stranded RNA and DNA oligomers. May have a role for cellular nucleotide recycling (By similarity).[UniProtKB/Swiss-Prot Function]