

Product datasheet for RN201737

Cyth3 (NM_053912) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyth3 (NM_053912) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyth3
Synonyms:	Pscd3; Sec7; Sec7C
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201737 representing NM_053912 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACGAAGGCGGTGGCGGTGAGGGCGGCAGCGTGCCTGAAGACCTGTCATTAGAAGAGCGAGAAGAGC
TTTTGGACATCCGTAGAAGGAAAAAGAACTTATTGATGACATTGAGAGGCTGAAATATGAAATTGCAGA
AGTGATGACGGAAATTGACAACCTGACTTCAGTGGAGGAGAGCAAACGACACAGAGGAACAAGCAAATA
GCCATGGGAAGAAAGAAATCAACATGGATCCCAAAAAGGGCATTCAAGTTCCTGATTGAGAACGACCTGC
TGACAGAGCTCCCCAGAGGATGTCGCCAGTTTCTGTACAAGGAGAGGGCCTGAACAAGACCGTCATCGG
AGACTACCTGGGTGAGAGAGATGATTTAACATCAAAGTCTTCAGGCTTTTGTGAGCTGCACGAGTTT
GCTGATCTCAACCTTGTCCAGGCCTTAAGGCAGTTCCTGTGGAGCTTCAGACTTCTGGAGAGGCGCAGA
AGATCGACCGCATGATGGAGGCCTTTGGTCCCGATACTGCCTGTGCAACCCTGGGGTCTCCAGTCCAC
AGACACTTGCTACGTGCTGTCTTTGCCATCATCATGCTCAACACCAGCTTGACAACCACAATGTGCGG
GACAAGCCCACTGCTGAGCGCTTCATCACCATGAACCGAGGCATCAACGAAGGTGGGGACCTTCCCGAGG
AGCTGCTGAGGAACCTTGTATGAAAGTCAAGAATGAGCCGTTCAAGATCCAGAGGACGATGGGAATGA
TCTGACCCACACCTTCTCAATCCAGACCGAGAAGGCTGGCTGCTGAAGCTGGGGGCCGTGTGAAGACC
TGGAAGCGGCGCTGGTTCATCCTCACAGACAACCTGCCTCTACTACTTTGAGTACACCACGACAAGGAGC
CCAGGGGGATCATCCCCCTGGAGAACCTGAGCATCAGGGAGGTGGAGGACCTCGGAAGCCGAACTGCTT
TGAGCTTTATAACCCAGTCACAAAGGGCAAGTCAATAAGCCTGCAAGACGGAGGCAGATGGCCGTGTG
GTGGAGGGGAACCATGTTGTATACCGATCTCTGCCCCAGCCCTGAGGAGAAGGAGGAGTGGATGAAGT
CCATCAAAGCGAGCATCAGTAGGGACCCGTTCTATGACATGCTGGCCACAAGGAAGAGGAGGATTGCCAA
TAAGAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053912
Insert Size:	1200 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_053912.2</u> , <u>NP_446364.2</u>
RefSeq Size:	3678 bp
RefSeq ORF:	1200 bp
Locus ID:	116693
Cytogenetics:	12p11
Gene Summary:	may play a role in transport from the Golgi apparatus to secretory vesicles [RGD, Feb 2006]