

Product datasheet for RN212147

Cyth1 (NM_053910) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyth1 (NM_053910) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyth1
Synonyms:	Pscd1; Sec7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212147 representing NM_053910 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGACGATGACAGCTATGTCCCAGTGACCTGACTGCAGAGGAGCGTCAAGAAGTGGAGAATCC
GGCGGAGGAAGCAGGAGCTGCTGGCTGACATCCAGAGGCTGAAGGAAGAGATAGCAGAGGTTGCTAATGA
AATTGAAAGCCTGGGATCCACAGAGGAACGAAAAACATGCAGAGGAACAACAGGTAGCCATGGGCAGA
AAGAAATTC AACATGGATCCTAAGAAGGGGATCCAGTTCTTAATCGAGAATGGCCTGCTGAAAAACTT
GTGAGGACATTGCCAGTTCCTGTATAAAGGGGAGGGCTCAACAAAACAGCCATCCGGTACTACCTTGG
GGAGAGAGATGAGTTCAGCATCCAGGCTTGCATGCATTTGTGGAGCTGCACGAGTTCACCGACCTGAAC
CTCGTCCAGGCCTTGGCGAGTTCCTGTGGAGCTCCGGCTCCCTGGAGAGGCCAGAAGATTGACCGGA
TGATGGAGGCCTTGGCGAGCGTACTGTCAGTGAATACTGGGGTGTCCAGTCTACAGACTTGTCTA
TGTCCCTGCCTTTGCAATCATCATGTGTAACACCAGCCTACACAACCCCAACGTCAAAGACAAGCCTACG
GTGGAGAGGTTTCATCGCCATGAACCGAGGCATCAATGACGGAGGAGACCTGCCCGAGGAGCTGCTGCGGA
ATCTCTATGAGAGCATCAAAAACGAACCCCTTTAAAATCCCAGAAGATGACGGCAATGATCTCACTCACAC
TTTCTTCAATCCAGACCGAGAGGGCTGGCTACTAAAGCTCGGAGGTGGCAGGGTAAAGACTTGGAAGAGG
CGCTGTTTCACTTCTGACTGACAACCTGCCTTTACTACTTTGAATACACCACGGACAAGAGCCCGCGGGA
TCATCCCCCTGGAGAACCTGAGTATCCGAGAGGTGGAAGACTCCAAGAAGCCGAAGTCTTTGAGCTTTA
TATCCCTGACAATAAAGACCAGGTGATTAAGGCCTGCAAGACAGAGGCTGACGGACGAGTGGTGAAGGG
AACCACACTGTGTACCGCATCTCGGCCCCACTCCTGAGGAGAAGGAAGACTGGATCAAGTGCATCAAAG
CCGCCATCAGCAGAGACCCGTTCTACGAGATGCTGCAGCACGAAAAAGAAGGTCTCCTCCACAAAGAG
GCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053910
Insert Size:	1197 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:	NM_053910.1 , NP_446362.1
RefSeq Size:	1399 bp
RefSeq ORF:	1197 bp
Locus ID:	116691
UniProt ID:	P97694
Cytogenetics:	10q32.2-q32.3
Gene Summary:	may play a role in transport from the Golgi apparatus to secretory vesicles [RGD, Feb 2006]