

## Product datasheet for RR201737

### Cyth3 (NM\_053912) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Cyth3 (NM\_053912) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Cyth3  
Synonyms: Pscd3; Sec7; Sec7C  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
ORF Nucleotide Sequence: >RR201737 representing NM\_053912  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGACGAAGGCGGTGGCGGTGAGGGCGGCAGCGTGCCTGAAGACCTGTCATTAGAAGAGCGAGAAGAGC  
TTTTGGACATCCGTAGAAGGAAAAGAACTTATTGATGACATTGAGAGGCTGAAATATGAAATTGCAGA  
AGTGATGACGGAAATTGACAACCTGACTTCAGTGGAGGAGAGCAAACGACACAGAGGAACAAGCAAATA  
GCCATGGGAAGAAAGAAATCAACATGGATCCCAAAAAGGGCATTTCAGTTCCTGATTGAGAACGACCTGC  
TGACAGAGCTCCCCAGAGGATGTCGCCAGTTTCTGTACAAGGAGAGGGCCTGAACAAGACCCTCATCGG  
AGACTACCTGGGTGAGAGAGATGATTTAACATCAAAGTCTTCAGGCTTTTGTGAGCTGCACGAGTTT  
GCTGATCTCAACCTTGTCCAGGCCTTAAGGCAGTTCCTGTGGAGCTTCAGACTTCTGGAGAGGCGCAGA  
AGATCGACCGCATGATGGAGGCCTTTGGTCCCGATACTGCCTGTGCAACCCTGGGGTCTCCAGTCCAC  
AGACACTTGCTACGTGCTGTCTTTGCCATCATCATGCTCAACACCAGCTTGACAACCACAATGTGCGG  
GACAAGCCCACTGCTGAGCGCTTCATCACCATGAACCGAGGCATCAACGAAGGTGGGGACCTTCCCGAGG  
AGCTGCTGAGGAACCTTGTATGAAAGTATCAAGAATGAGCCGTTCAAGATCCAGAGGACGATGGGAATGA  
TCTGACCCACACCTTCTCAATCCAGACCGAGAAGGCTGGCTGCTGAAGCTGGGGGCCGTGTGAAGACC  
TGGAAGCGGCGCTGGTTCATCCTCACAGACAACCTGCCTCTACTACTTTGAGTACACCACGACAAGGAGC  
CCAGGGGGATCATCCCCCTGGAGAACCTGAGCATCAGGGAGGTGGAGACCCTCGGAAGCCGAACTGCTT  
TGAGCTTTATAACCCAGTCACAAAGGGCAAGTCAATAAGCCTGCAAGACGGAGGCAGATGGCCGTGTG  
GTGGAGGGGAACCATGTTGTATACCGGATCTCTGCCCCAGCCCTGAGGAGAAGGAGGAGTGGATGAAGT  
CCATCAAAGCGAGCATCAGTAGGGACCCGTTCTATGACATGCTGGCCACAAGGAAGAGGAGGATTGCCAA  
TAAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA





<b>ORF Size:</b>	1197 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053912.2</a> , <a href="#">NP_446364.2</a>
<b>RefSeq Size:</b>	3678 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	116693
<b>Cytogenetics:</b>	12p11
<b>MW:</b>	46.3 kDa
<b>Gene Summary:</b>	may play a role in transport from the Golgi apparatus to secretory vesicles [RGD, Feb 2006]