

Product datasheet for MC211318

Cyth4 (NM_028195) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyth4 (NM_028195) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyth4
Synonyms:	2510004M07Rik; 5830469K17Rik; AI467541; mFLJ00017; Pscd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211318 representing NM_028195 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGATGTGTGTACACAGATCCAGCTGAGCTCAGCAGTGGGAGGCCAAGGAGCTACAGCAGATCAAAT
GGCACAGGAAGCAGCTACTGGAAGACATCCAGAACTGAAGGATGAGATTGCAGATGTGTTTGCCCAAT
CGACTGCTTTGAAAGCACCGAGGAGAGCCGGATGGCGCAGAAAGAGAAGGAGATGTGCATCGGGAGAAAG
AAATTCACATGGACCCTAATAAGGGCATCCAGTATCTCATTGAGCACAAAGCTGCTGACCTCTGATGTCC
AGGACATCGCCAGTTCCTGTACAAGGGTGACGGTCTCAACAAGACAGCCATTGGCACCTACTTGGGGGA
AAAGGACCCCATCAACTTGCAGGTCCTGCAGGCCCTTGTGGACTGCCATGAGTTTGCCAACCTCAACCTC
GTTCAGGCCCTCAGGCAGTTCCTGTGGAGCTTCAGGCTGCCGGGTGAGGCCCAGAAGATTGACCGCATGA
TGGAGGCCCTTCGCTGCTCGCTACTGCCTCTGTAACCCCGAGTCTTCCGGTCCACAGACACCTGCTACGT
GCTGTCTTCTCCGTCATCATGCTCAACACCGGCCTACACAACCCCAACGTGCGGGACAGACCACCTTC
GAGCGCTTTGTGACCATGAATCGCGCATCAACAGCGGCAGTGACCTGCCGAGGAGCAGCTACGGAACC
TGTTTGACAGCATCAAGAGTGAGCCCTTCTCCATCCCTGAGGATGATGGCGGTGACCTCACTCACACCTT
CTTTAACCCCGACCGTGAAGGCTGGCTACTCAAGCTGGGGGCCGTGTGAAGACATGGAAGCGGCGCTGG
TTCATTCTCACTGACAACTGTCTACTACTTTGAGTTCAACACTGACAAAGAACCTCGGGGATCATT
CCCTGGAAAACCTCTCCGTGCAGAAGGTAGAGGACCCCAAGAAGCCGTTCTGCCTGGAGCTGTACAACCC
CAGCTGCCGGGGCCAGAAGATAAAGGCATGCAAGACAGACGGGGACGGCAAGGTGGTAGAAGGCAACAT
GAATCCTACCGCATCTCAGCTGCCAATGCCGAGGAACGCGACCGAGTGGATCGAGGCCATCAGGGCCAGCA
TACCCGAGTCCCTTCTACGACCTGTTGTCTGCTCGGAAAAAGAAGATTGTGCGCAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_028195
Insert Size:	1182 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028195.3</u> , <u>NP_082471.2</u>
RefSeq Size:	2791 bp
RefSeq ORF:	1182 bp
Locus ID:	72318
UniProt ID:	<u>Q80YW0</u>
Cytogenetics:	15 E1
Gene Summary:	Promotes guanine-nucleotide exchange on ARF1 and ARF5. Promotes the activation of ARF factors through replacement of GDP with GTP (By similarity).[UniProtKB/Swiss-Prot Function]