

Product datasheet for **MR206269**

Cyth3 (NM_011182) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyth3 (NM_011182) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cyth3
Synonyms:	A1648983; ARNO3; CLM3; Grp1; Pscd3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206269 representing NM_011182 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGAAGGCGGTGGCGGTGAGGGCGGCAGCGTGCCTGAAGACCTGTCATTAGAAGAGCGAGAAGAAC
TTTTGGACATTCGTAGAAGAAAAAGGAACCTATTGATGACATTGAGAGGCTGAAATATGAAATTGCAGA
AGTGATGACGGAGATTGACAACCTGACTTCAGTGGAGGAGAGCAAACTACTCAGAGGAACAAGCAAATA
GCCATGGGAAGGAAGAAATCAACATGGACCCAAAAAGGGCATTCAAGTTCCTAATTGAGAACGACCTGC
TGCAGAGCTCCCCAGAGGATGTCGCCAGTTTCTGTACAAAGGAGAGGGCCTGAACAAGACCGTCATCGG
AGACTACCTGGGTGAGAGGGATGACTTTAATATCAAAGTTCCTCAGGCTTTTGTGAGCTGCATGAGTTT
GCTGATCTCAACCTTGCCAGGCCTTAAGGCAGTTCCTATGGAGCTTCAGACTTCCTGGAGAGGCACAGA
AGATCGACCGCATGATGGAGGCCTTTCATCCCCGATACTGCCTGTGCAACCTGGGGTCTCCAGTCCAC
AGATACATGCTACGTGCTCTCCTTTGCCATCATCATGCTCAACACCAGCTTGACAACCAACGTCGCGC
GACAAGCCACCCTGAGCGCTTCATCACCATGAACCGAGGCATCAACGAGGGTGGGGACCTTCTGAGG
AGCTGCTGAGGAACCTGTATGAAAGTATCAAGAATGAGCCGTTAAGATCCCAGAAGACGACGGAATGA
CCTGACACACACGTTCTCAACCCAGACCGAGAAGGCTGGCTGCTGAAGCTGGGGGTGCTGTGAAGACC
TGGAAACGGCGCTGGTTTCATCCTCACAGATAACTGCCTCTACTTTGAGTACACCAGGACAAGGAGC
CCAGGGGCATCATCCCCCTGGAGAACCTCAGCATCAGGGAGGTGGAGGACCCCGGAAGCCGAACCTGCTT
TGAGCTGTATAACCCAGTCACAAGGTCAAGTCATCAAGGCCTGCAAGACGGAGCCGATGGCCGTGTG
GTGGAGGGCAACCACGTTGTGTACCGGATCTCTGCCCCAGCCCGGAGGAAAAGGAGGAGTGGATGAAGT
CCATCAAAGCAAGCATCAGTAGGACCCGTTCTATGACATGTTGGCCACGAGGAAAAGGAGGATTGCCAA
TAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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: [NM_011182.4](#), [NP_035312.3](#)

RefSeq Size: 3749 bp

RefSeq ORF: 1200 bp

Locus ID: 19159

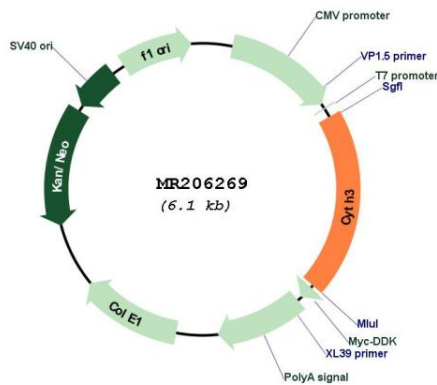
UniProt ID: [O08967](#)

Cytogenetics: 5 82.36 cM

MW: 46.3 kDa

Gene Summary: Promotes guanine-nucleotide exchange on ARF1. Promotes the activation of ARF factors through replacement of GDP with GTP (PubMed:18042453). Play a role in the epithelial polarization (PubMed:20080746).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206269