

Product datasheet for SC104825

ORF1 FL49 (CYSTMI) (NM_032412) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: ORF1 FL49

Synonyms: C5orf32; ORF1-FL49

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC104825 sequence for NM_032412 edited (data generated by NextGen Sequencing)

ATGAACCAAGAGAACCCTCCACCATATCCAGGCCCTGGTCCAACGGCCCCATACCCACCT
TATCCACCACAACCAATGGGTCCAGGACCTATGGGGGACCCTACCCACCTCCTCAAGGG
TACCCCTACCAAGGATACCCACAGTACGGCTGGCAGGGTGGACCTCAGGAGCCTCCTAAA
ACCACAGTGTATGTGGTAGAAGACCAAGAAGAGATGAGCTAGGACCATCCACCTGCCTC
ACAGCCTGCTGGACGGCTCTCTGTTGCTGTCTCTGGGACATGCTCACCTGA

Clone variation with respect to NM_032412.3

5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_032412 unedited
GGGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGGGCAAGTCTA
CTGCGGGCTGGTCCGGGCTCCTCAGGTTCCAGCCGACCGTTATCCAGTCGGTTCGTGGA
GAGGAGAGGTGCACTTTACAGGTCCCGATGAACCAAGAGAACCCTCCACCATATCCAGG
CCCTGGTCCAACGGCCCCATACCCACCTTATCCACCACAACCAATGGGTCCAGGACCTAT
GGGGGGACCCTACCCACCTCCTCAAGGGTACCCCTACCAAGGATACCCACAGTACGGCTG
GCAGGGTGGACCTCAGGAGCCTCCTAAAACCACAGTGTATGTGGTAGAAGACCAAGAAG
AGATGAGCTAGGACCATCCACCTGCCTCACAGCCTGCTGGACGGCTCTCTGTTGCTGCTG
TCTCTGGGACATGCTCAGTACAGCAGCCAGCCGCTCCTGTCTGCGCAGCTCTGCT
GCCACCTCTGACAGCTGACTGTGAATTGCTTCCTTGGAAGTGAAGAATAAACCTATGAAAC
ACAAGAAAGTTGAAATTAAGCCACATGACTATTGAATTCATCGAAATCAATAGCTACAT
ACTACAAATATTAAGTGAAGCAATTAAGGACAAATGCATATTAACATAATACGTCAA
GCTCAGGAAACCACAGAAAGTTTAAACCTTCTGGCTGAGAAGGAATAAAGGCTTAAAG
TAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCGCGGTCTAGCTGTTTCCTGA
ACAGATCCCGGGTGGCATCCCTGTGNACCCTCCAGTGCCTCTCTGGCCCTGGAAAAGT
GCACTNCAGTGCCACAGCCTTGTCTATANAATAATTGCATCATTTTGCTGACTGGT
GTCCTATTATNATGGAGGGGGGGGGGGGGGGTNG



3' Read Nucleotide

>OriGene 3' read for NM_032412 unedited

Sequence:

GCCCGCCCCAGGGAAAAAACNNCNCNNCNCNNNTTTTTTTTTNNNCCACNCTTTGACTGTGNG
 CNCGTGCGNCCCACAACCTANGATCGNGTTTTTTTTTTTTTTTTTTTACTTTTAAGCCTTTA
 TTCCTTCTCAGCCAGGAAGGTTAAACTTCTGGTGGTTTCTGAGCTTGACGTATTATGT
 TAATATGCATTTGCTCTTTAATTTGCTCAGTTAATATTTGTAGTATGTAGCTATTGAT
 TTCGATGAATTCATAGTCATGTGGCTTAATTTCAACTTTCTGTGTTTCATAGGTTA
 TTCTTCAGTCCAAGGAAGCAATTCGACGTACAGCTGTACAGAGTGGCAGCAGAGCTGGCAG
 GACAGCAGCGCTGGCTGGTCTGAGTCAGGTGAGCATGTCCGAGACAGCAGCAACAGAG
 AGCGTCCAGCAGCGCTGTGAGGCAGGTGATGGTCTAGCTCATCTCTTCTTGGTCTTC
 TACCACATACACTGTGGTTTTAGGAGGCTCCTGAGGTCCACCCTGCCAGCCGTAAGTGTGG
 GTATCCTTGGTAGGGGTACCCTTGAGGAGGTGGTAGGGTCCCCCATAGGTCTGGACC
 CATTGGTTGTGGTGGATAAAGTGGGTATGGGGCCGTGGACCAGGGCCTGGATATGGTGG
 AGGGTTCTCTTGGTTCATCGGGGACCTGTAAAGTGCACCTCTNCTCTCCACGAACCGACT
 GGATAACCGGTGCGGTCTGAACCTGTGAGAGCCGNCAGCCGACGTAGACTTGCCCTG
 GTGCCGAATTCGCCGCCGCTATAGTGAGTCGATTAATAAATCTTTGAGGTTTACTAAAC
 AAGCTTTGCTTAAATAGACTTCCACGTACACGCTACCCCATTTGCGTAAACCGGGCG
 GGTATTACAACCTTTGGGAAACTCCGTTGCTTTTTGGGGCCCAACAACCCCATTTGACG

Restriction Sites:

NotI-NotI

ACCN:

NM 032412

Insert Size:

720 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:

NM_032412.2, NP_115788.1

RefSeq Size:

860 bp

RefSeq ORF:

294 bp

Locus ID:

84418

UniProt ID: Q9H1C7

Cytogenetics: 5q31.3

Protein Families: Druggable Genome