

Product datasheet for SC112247

C19orf42 (SMIM7) (NM_024104) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C19orf42 (SMIM7) (NM_024104) Human Untagged Clone
Tag:	Tag Free
Symbol:	C19orf42
Synonyms:	C19orf42
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024104, the custom clone sequence may differ by one or more nucleotides

ATGATCGGAGACATCCTGCTGTTCTGGGACGTTGCTGATGAATGCCGGGGCGGTGCTGAACTTTAAGCTGA
AAAAGAAGGACACGCAGGGCTTTGGGGAGGAGTCCAGGGAGCCCAGCACAGGTGACAACATCCGGGAATT
CTTGCTGAGCCTCAGATACTTTGGAATCTTCATCGCCCTGTGGAACATCTTCATGATGTTCTGCATGATT
GTGCTGTTCTGGCTCTTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024104 unedited
ACATTTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCACGAGGCGGACGCTTCGGC
CGTAACGATGATCGGAGACATCCTGCTGTTCTGGGACGTTGCTGATGAATGCCGGGGCGGT
GCTGAACTTTAAGCTGAAAAAGAAGGACACGCAGGGCTTTGGGGAGGAGTCCAGGGAGCC
CAGCACAGGTGACAACATCCGGGAATTCTTGCTGAGCCTCAGATACTTTGGAATCTTCAT
CGCCCTGTGGAACATCTTCATGATGTTCTGCATGATTGTGCTGTTCTGGCTCTTGAATCCC
AGCGATGAAACCAGGAACACTTTCCCGGGATGCCGAGTCTCCATTCTCCATTCCTGA
TGACTTCAAGAATGTTTTGACCAGAAAACCGACAACCTTCCAGAAAAGTCCAAGCTCGT
GGTGGGTGAAAAAGTGTTCGCCGAGGTGTGCATGGTTTCCAGCCACGTCCTGTTTTCA
AAGATAGTTTCACTTTGGTCTCTGAATTGAAATGCTGTCTACTGAAAGGGTTTCAGGAGC
GTTTATGTAAGGGGCTGTGATGAAATTGCATTCATCCCATAGATAAAAAGAAAAATCATTCT
ATCCAGAGATCTGAGCAGAAGGATTGGCTTGTAGTTTAAACACAGCCGATTTTTGGACA
TTCAGTGTACTTGTGAGTCTGACAGCCTCTGGGCCCGCCAGGGGCCCTGTTACAAAC
TGCTTTCACATCCCACAGGGTCTGCTTGGCCACTCAGTGCAGCTGCGATTTACCCAAAA
GCTNNTAAGGGACGGGGCACCTGTGACAGAGACACCAGTCTTCTGTATAGACACCTAATT
GTTACCAAGAGTGTGAGCTAGTTCTGGTAAAAGTTTCCACAAAAATGTGATACCATTGTG
GGATATTAAGAAAATTTCTCTGCCTGACCCTTGTATAAAAAGACTT



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024104 unedited TATGGAACGCGCGCCGCTATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTGGAGACAGAAT CTCATTGTCTCACCCAGGCTGAAGTGCAGTGGCTCAATCTCAGCTCACTGCAACCTCCGC CTCCCAAATTTAAGCAATTCTTGTGCCTCAGCCACCCGAGTAGCTGGGATTATAGGCGTG TGCCACCATATCTGGCTAATTTTTCTATTTTTAGTAGAGACGCGATTTCACCATGTTGGC CAGGCTAGTCTCGAACTCCTGACCTCAAGTGATCCGCCACCTCGGCCTCCCAAAGTGCT GGGATCACAGGTATGAGCCACTGCGCGCAGCCCACTTGCCCAATTCTTGACCATATTT ATTGAGCTAAATCCAAAAGGAAACTCTACCACTGACTCTTTTCTTCTCATGGCCTCCA AAATGAATCCTAGGTTTTTCCAGCAGGGTAAATTCAAAAGGACTCAGGTTGGAAATTGAC TTCTTGTTAAAAAAGTATAAAACAAAAGGCTCTTTTATAGAAATGAGGTTTAT TTTCAAGGCTACTCAGTCTAAAAGCCTGCATATTTACTTTTTTCTTCTCCAGGTTT ACCTCCAAGTCAGGATTTCAAAAACCAACATTGAGGCTCATTCTATTGGTATAAAC AAACAAACAAAAAACAGACAACAAAAACTCAACAAGCAAATCACACAGTTGTGGGAT TCAGCGCAACCCGGGCGTTTCATTTTGGCAACAAAACAGGATTCCTTTCAAAGAAG CTTCTGGAATGCTGTATTTCTAGATGAAGCCCTGTNTTTTACCTCAAATCCCTA CTCAAAAGCAGACTCAGAAACCAAGGTTAGACATGGTCCCNATGTACACATCATAAAT CACTCTATCCTGCACTGTACATGAATGCCTCCAAGTCATTTATTACAAAGGGTCAGGCA NAGGAAGTTCCCTTAATCCCACTGCTCAT
Restriction Sites:	NotI-NotI
ACCN:	NM_024104
Insert Size:	1820 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:	<u>NM_024104.2</u> , <u>NP_077009.1</u>
RefSeq Size:	1390 bp
RefSeq ORF:	156 bp
Locus ID:	79086
UniProt ID:	<u>Q9BQ49</u>
Cytogenetics:	19p13.11
Protein Families:	Transmembrane