

Product datasheet for **SC310472**

C18orf54 (NM_173529) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C18orf54 (NM_173529) Human Untagged Clone
Tag:	Tag Free
Symbol:	C18orf54
Synonyms:	LAS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310472 representing NM_173529. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCGAAATCAAAGACAAAACATAGACTTTGTTCTCAGGAATCTTCAGTATCTGCCCTGCTGGCAAGC
TGCACCCTGAGTGGTAGTAATTCCTCTAATTCGTATGGCTCGTTTCACTATAAAGATAAGCTGTACAGA
TCTGCTTCTCAAGCTCTACAGGCTTATATTGATGATTTTGATCTAGGCCAAATATATCCTGGTGCAAGC
ACTGGAAAAATTAACATTGATGAGGATTTACTAATATGTCACAGTTCTGCAACTATATTTACAAACCA
AACAATGCTTTTAAAACCTTGATCACAAAAGCACTCAAACCTCATATCCTGTAGAAGACACACCGTT
AATGACATAGACTCCATGAGCCTAACAACCTGATGATCTATTAAGACTCCCAGCAGATGGATCATTCTTCT
TATACTTATGTTGACCGAGTCACCGAACGAGCAAGAAAAACAAGAAATGCCGTGGAAGACTGGGTTC
TTGGACATTGAGAAGAATCCACATTTTCAAGGACCTACACTTCCATGGGCAAGGATAACTTTGTTACT
CCTGTTATACGCTCAAATATAAATGAAAAGCAATGTGGTGACAAAATTGAATTGCTTATCTTGAAGGCC
AAGAGAAATCTAGAGCAGTGTACTGAAGAATTACCAAAGTCCATGAAAAAGGATGACAGTCTTGCTCA
TTAGATAAACTTGAAGCAGACAGATCATGGGAAAATATTCCTGTTACTTTCAAATCTCCTGTTCCCGTT
AACTCTGATGATAGTCTCAACAACTTCAAGGGCAAAGAGTGCTAAAGGGGTTCTTGAAGACTTTCTA
AATAATGATAATCAGAGCTGTACTCTCTGGAGGCAAACATCATGGTCTGTTGAAGCCCTGAAACAA
ATGTTATTTAACCTTCAAGCAGTACAAGAACGTTTTAATCAAAATAAGACCACAGATCCAAAAGAAGAG
ATTAACAAGTTTCAGAAGATGATTTCTCTAAATTACAGTTGAAGGAAAGTATGATTCTTACTAGG
TCACTTCAGAAGGCTTTGCACCATTTATCTCGCCTGAGAGACCTGGTTGATACGAATGGAGAACGG
TCACCGAAAATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:	□
ACCN:	NM_173529
Insert Size:	1119 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_173529.5
RefSeq Size:	5051 bp
RefSeq ORF:	1119 bp
Locus ID:	162681
UniProt ID:	Q8IYD9
Cytogenetics:	18q21.2
Protein Families:	Secreted Protein
MW:	41.8 kDa
Gene Summary:	Might play a role in cell proliferation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has a shorter 5' UTR and uses an alternate in-frame splice site in the central coding region, compared to variant 1. The encoded isoform (b) is shorter, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.