

Product datasheet for SC335564

C18orf54 (NM_001288982) Human Untagged Clone

Product data:

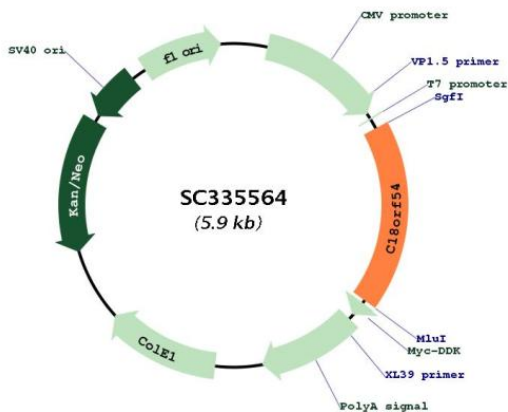
Product Type:	Expression Plasmids
Product Name:	C18orf54 (NM_001288982) Human Untagged Clone
Tag:	Tag Free
Symbol:	C18orf54
Synonyms:	LAS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335564 representing NM_001288982. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGAAATCAAAGACAAAACATAGACTTTGTTCTCAGGAATCTTCAGTATCTGCCCTGCTGGCAAGC
TGCACCCTGAGTGGTAGTAATTCCTCTAATTCTGATGGCTCGTTTCACTATAAAGATAAGCTGTACAGA
TCTGCTTCTCAAGCTCTACAGGCTTATATTGATGATTTTGTCTAGGCCAAATATATCCTGGTGCAAGC
ACTGGAAAAATTAACATTGATGAGGATTTACTAATATGTCACAGTTCTGCAACTATATTTACAAACCA
AACAAATGCTTTTAAAAACCTTGATCACAAAAGCACTCAAACCTCATATCCTGTAGAAGACACACCGTT
AATGACATAGACTCCATGAGCCTAACTGATGATCTATTAAGACTCCCAGCAGATGGATCATTCTTCT
TATACTTATGTTGACCGAGTCACCGAACGAGCAAGAAAAACAAGAAATGCCGTGGAAGACTGGGTTC
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AGTCTTGTCTCATTAGATAAACTTGAAGCAGACAGATCATGGGAAAAATTCCTGTTACTTTCAAATCT
CCTGTTCCCGTTAACTCTGATGATAGTCTCAACAACTTCAAGGGCAAAGAGTGCTAAAGGGGTTCTT
GAAGACTTTCTAAATAATGATAATCAGAGCTGTACTCTCTCTGGAGGCAAACATCATGGTCTGTGAA
GCCCTGAAACAAATGTTATTTAACCTTCAAGCAGTACAAGAACGTTTTAATCAAATAAGACCACAGAT
CCAAAAGAAGAGATTAACAAGTTTCAGAAGATGATTTCTCTAAATTACAGTTGAAGGAAAGTATGATT
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AATGGAGAACGGTCACCGAAAAATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001288982

Insert Size: 1062 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.

RefSeq: [NM_001288982.1](#)

RefSeq Size: 4896 bp

RefSeq ORF: 1062 bp

Locus ID: 162681

Cytogenetics: 18q21.2

Protein Families: Secreted Protein

MW: 39.7 kDa

Gene Summary:

Might play a role in cell proliferation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (4) 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 (c) 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.