

Product datasheet for **RG237670**

C18orf54 (NM_001288982) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C18orf54 (NM_001288982) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C18orf54
Synonyms:	LAS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237670 representing NM_001288982. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGGCGAAATCAAAGACAAAACATAGACTTTGTTCTCAGGAATCTTCAGTATCTGCCCTGCTGGCAAGC
TGCACCCTGAGTGGTAGTAATTCCTCTAATTCGTATGGCTCGTTTCACTATAAAGATAAGCTGTACAGA
TCTGCTTCTCAAGCTCTACAGGCTTATATTGATGATTTTGATCTAGGCCAAATATATCCTGGTGCAAGC
ACTGGAAAAATTAACATTGATGAGGATTTACTAATATGTCACAGTTCTGCAACTATATTTACAAACCA
AACAATGCTTTTAAAACCTTGATCACAAAAGCACTCAAACCTCATATCCTGTAGAAGACACACCGTT
AATGACATAGACTCCATGAGCCTAACAACCTGATGATCTATTAAGACTCCCAGCAGATGGATCATTCTTCT
TATACTTATGTTGACCGAGTCACCGAAGCAGCAAGAAAAACAAGAAATGCCGTGGAAGACTGGGTTCAT
TTGGACATTGAGAAGAATCCACATTTTCAAGGACCTACACTTCCATGGGTGACAAAATTGAATTGCTT
ATCTTGAAGGCCAAGAGAAATCTAGAGCAGTGTACTGAAGAATTACCAAAGTCCATGAAAAAGGATGAC
AGTCCCTTGCTCATTAGATAAACTTGAAGCAGACAGATCATGGGAAAAATTCCTGTTACTTTCAAATCT
CCTGTTCCCGTAACTCTGATGATAGTCTCAACAACTTCAAGGGCAAAGAGTGCTAAAGGGGTTCTT
GAAGACTTTCTAAATAATGATAATCAGAGCTGTACTCTCTGGAGGCAAACATCATGGTCTGTGAA
GCCCTGAAACAAATGTTATTTAACCTTCAAGCAGTACAAGAACGTTTTAATCAAATAAGACCACAGAT
CCAAAAGAAGAGATTAACAAGTTTCAGAAGATGATTTCTCTAAATTACAGTTGAAGGAAAGTATGATT
CCTATTACTAGGTCACTTCAGAAGGCTTTGCACCATTTATCTCGCCTGAGAGACCTGGTTGATGATACG
AATGGAGAACGGTCACCGAAAATG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237670
 Blue=ORF Red=Cloning site Green=Tag(s)

MAKSKTKHRLCSQESSVSALLASCTLSGSNSSNSDGSFHYKDKLYRSASQALQAYIDDFDLGQIYPGAS
 TGKINIDEDFTNMSQFCNYIYKPNNAFENLDHKKHSNFI SCRRHTVNDIDSMSLTTDDLRLPADGSFS
 YTYVGPSHRTSKKNKKCRGLGSLDIEKNPHFQGPYTSMDKIELLILKAKRNLEQCTEELPKSMKKDD
 SPCSLDKLEADRSWENIPVTFKSPVVPVNSDDSPQQT SRAKSAKGVLEDFLNNDNQSCTLSGGKHHGPVE
 ALKQMLFNLQAVQERFNQKTTDPKEEIKQVSEDDF SKLQLKESMIPITRSLQKALHHL SRLRDLVDDT
 NGERSPKM
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001288982

ORF Size: 1059 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

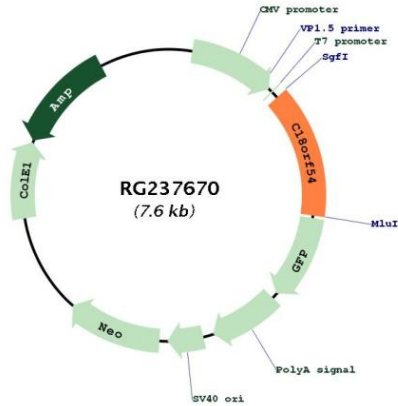
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001288982.2](#)

RefSeq Size: 4896 bp

RefSeq ORF: 1062 bp
 Locus ID: 162681
 Cytogenetics: 18q21.2
 Protein Families: Secreted Protein
 MW: 40.2 kDa
 Gene Summary: Might play a role in cell proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237670