

Product datasheet for **RG210672**

LRRC24 (NM_001024678) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC24 (NM_001024678) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRRC24
Synonyms:	LRRC14OS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG210672 representing NM_001024678
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCCTGAGGGCCCCGCACTGCTGCCGCTGCTGCTACTACTGCCGCTCCGCGCCGCCGGCTGCC
 CAGCAGCCTGCCGCTGCTACAGCGCCACGGTGGAGTGTGGCGCCCTGCGGTTGCGCGTCTGCCGCTGGG
 AATCCCGCCAGGACGACAGACTGTTCTGCAGGACAACAACATCGCCGCTAGAGCCGGGAGCCCTG
 GCGCACTCGCCGCTCTGCGCCGGCTCTACCTGCACAACAACAGCCTGCGCGCCCTGGAGGCCGGCGCT
 TCCGCGCGCAGCCGCGCTGCTGGAGCTGGCGCTCACTAGCAACCGGCTGCGCGGCTTGCAGCGCGCGC
 CTTCTAGGCTGGCCAGCTGCGCGTCTACCTGGCGGGCAACAGCTGGCGCGCTGCTGGATTTC
 ACCTTCTTGACCTGCCGCGACTGCAGGAGCTTCACTGCAAGAAAACAGCATTGAGCTGCTGGAGGACC
 AGGCTCTAGCGGGCTGTCTCCCTAGCACTGCTGGACCTCAGCAGGAACAGCTGGGCACCATCAGCCG
 AGAGGCCCTGCAGCCCTGGCCAGTCTGCAAGTCTGCGCTCACAGAGAACCCATGGCGCTGTGACTGC
 GCCTGCACTGGCTGGGTGCCTGGATCAAGGAGGGCGGCCAGCGCTGCTCACCTCCAGGGACAGGAAGA
 TCATGTGTGACAGGCCCCGCGCTGGCGCTCCAGAGTCTCTGGACGTATCCCACAGCAGCCTCATCTG
 CATTCCGCCCTCTGTCCACGTGCAGCCGCTGGAGCTCACAGCCAACCTGGGTGAGGACCTGCGGGTTGCC
 TGCCAAGCCTCCGGTACCCGACGCAATTGGTGACCTGGAGAAAGGTGCCCCAGCCTCGCGAGGGCCGGC
 CGCGAGCCAGGCCAGCTAGAAGGCGGGTGTGGGCTGGGCGGACACTCGGCATCCGACACGGGCGAG
 CGGCATGCTCTTCTCAGCAACATCAGCTGGCGCACGCCGTAAGTACGAGTGCAGGCCTCCAACGCC
 GCGCGCGCTGCCGCGTGCCTTCCGGCTCTGGTCAACGCGTCCCGGCAGCAGCCGAGCAGCCCGCGC
 AACCGCCGCTCCGGCCGCCGCCGCCGCCGCGGAGCGAGCCCGGCCGAGCGGGCAGCATGGCCTTCCG
 CGCCTGGGCGTGGCCACACAGACGGCCATTGCGGCGGCCATCGCGCTGCTGGCGCTCACGCGCTGCTC
 CTGGTCGCCATGATCTGTGCGCGCGCCGAGGCGAAAAAGGCGCGGGGCTCCGGGGAGGGAGCGC
 GTTCTGCAACGACTACTTGACGGCCCTGTACGTTGCAACAGCTAGAGGAGCTCCGCGACGAGCGCGG
 CCACGAGATGTTCTCATCAACCGCTCCAAGCGCTTTCGCGAGGGTCCGGCGAGGCGCCCGCTGAC
 TGGCGCCCGCACAGGGGCGGGGCCGGGACTCCGCGTCCCCCGCGGTGCGCTACGAGATCCACTGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG210672 representing NM_001024678
 Red=Cloning site Green=Tags(s)

MALRAPALLPLLLLLLPLRAAGCPAACRCYSATVECGALRLRVVPLGIPPGTQTLFLQDNNIARLEPGAL
 APLAALRRLYLHNNSLRLEAGAFRAQPRLELALTSNRLRGLRSGAFVGLAQLRVLYLAGNQLARLLDF
 TFLHLPRLQELHLQENSIELLEQALAGLSSLALLDLRNQLGTISREALQPLASLQVLRLENTENPWRCDC
 ALHWLGAWIKEGGQRLLTSRDRKIMCAEPPRLALQSLLDVSHSLICIPPSVHVQPLELTANLGEDLRVA
 CQASGYQPPLVTWRKVPQPREGRPRAQAQLEGGLLGLGGHSASDTGSGMLFLSNITLAHAGKYECEASNA
 GGAARVPFRLLVNASRQQPQPAQPPPPAARPAGSEPRPEAGSMAFRALGVATQTAAAAIALLALTALL
 LVAMICRRRRRRKKARGPPGEGALFVNDYLDGPCTFAQLEELRDERGHEMFVINRSKPLFAEGPAEAPAD
 CGPAQGAGPGLRVPPPVAYEIIHC

SGPTRRRLE – GFP Tag – V

Restriction Sites:

SgfI-RsrII

Cloning Scheme:


ACCN: NM_001024678

ORF Size: 1539 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).

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_001024678.2](#), [NP_001019849.1](#)

RefSeq Size: 1825 bp

RefSeq ORF: 1542 bp

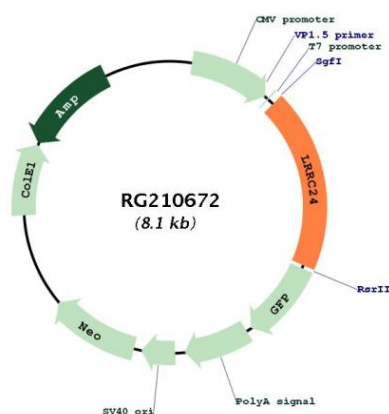
Locus ID: 441381

UniProt ID: [Q50LG9](#)

Cytogenetics: 8q24.3

Protein Families: Transmembrane

Product images:



Circular map for RG210672