

Product datasheet for **RG220030**

LDLRAD1 (NM_001010978) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LDLRAD1 (NM_001010978) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: LDLRAD1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG220030 representing NM_001010978
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAACAAGGTCTTCCCCAGGGAGAGAATGGCTACACTGCTGCTGAATCCAAAGCCCACCCTGGAGGGG
AAGCAGGCGGGCCACCTCTGCTGCTCACGTCGCGGGGCTGCCTCTCTGCCTCTCTGCTGCTCCTCT
GGCAACTGTGGCGGCCCTCATCGCTTGGTCACCATTCTTGGACTCCCATCATGCACCCAGGAGCCCAA
GCTTGTATAACACTGACAAACAGGACAGGCTTCTTGTGCCATGACCAGAGGAGCTGCATTCCAGCCAGTG
GGTCTGTGATGGCGTTTCGACCTGTACCCACGGCAGGACGAGGATGAGAGCTTGTGCCGAGATGTGCC
CCAGAGCCTCCCCACTTCCTTGTGGCCACTGTGGAGACCCGGCCTCCTGGATCTACTCAGACAAAAA
TGTGATGGCACTAACAACACTGCGGGGACTGTTCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA
GCCCTGGGTGGTGGCGCTGTCCTTCAACCTTCTTCAAGTACTGCGACTGTATACCGAGGCATCTCTGCC
CGACCATGTACAGCACTGCTCCGACTGGTCCGATGAGTATGCCTGTCCCGGACCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG220030 representing NM_001010978
Red=Cloning site Green=Tags(s)

MNKVFPQGNGYTAAESKAHPGGEAGGGHLCCSRRGACLSASLLLLLATVAALIALVILGLPSCTPGAQ
ACITLTNRTGFLCHDQRSCIPASGVCDGVRTCTHGEDEDESLCRDVPQSLPHFLVAHCGDPASWIYSDQK
CDGTNCCGDCSDELSPVTVCPCCGPGWWRCPSTFFKYCDCIPRHLCRDHVQHCSDSWSEYACPGP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001010978

ORF Size: 615 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_001010978.4](#)

RefSeq Size: 785 bp

RefSeq ORF: 618 bp

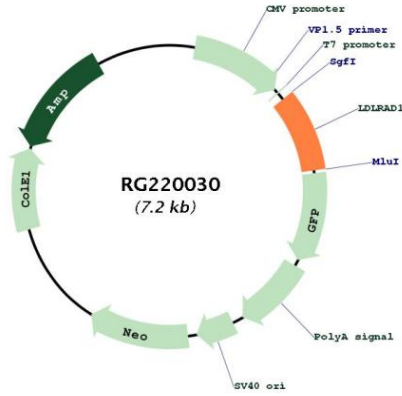
Locus ID: 388633

UniProt ID: [Q5T700](#)

Cytogenetics: 1p32.3

Protein Families: Transmembrane

Product images:



Circular map for RG220030