

Product datasheet for **SC313048**

LDLRAD3 (NM_174902) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LDLRAD3 (NM_174902) Human Untagged Clone
Tag:	Tag Free
Symbol:	LDLRAD3
Synonyms:	LRAD3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_174902, the custom clone sequence may differ by one or more nucleotides

ATGTGGCTGCTGGGGCCGCTGTGCCTGTGCTGAGCAGCGCCGCGGAGAGCCAGCTGCTCCCGGGAACA
 ACTTCACCAATGAGTGCAACATACCAGGCAACTTCATGTGCAGCAATGGACGGTGCATCCCGGGCGCCTG
 GCAGTGTGACGGGCTGCCTGACTGCTTCGACAAGAGTGATGAGAAGGAGTGCCCCAAGGCTAAGTCGAAA
 TGTGGCCCAACCTTCTTCCCTGTGCCAGCGGCATCCATTGCATCATTGGTCGCTTCCGGTGCAATGGGT
 TTGAGGACTGTCCCGATGGCAGCGATGAAGAGAACTGCACAGCAAACCTCTGCTTGTCTCACC GCCCG
 CTACCACTGCAAGAACGGCCTCTGTATTGACAAGAGCTTCATCTGCGATGGACAGAATAACTGTCAAGAC
 AACAGTGATGAGGAAAGCTGTGAAAGTTCTCAAGAACCCGGCAGTGGGCAGGTGTTTGTGACTTCAGAGA
 ACCAACTTGTGTATTACCCAGCATCACCTATGCCATCATCGGCAGCTCCGTCATTTTTGTGCTGGTGGT
 GGCCCTGTGGCACTGGTCTTGACACCAGCGGAAGCGGAACAACCTCATGACGCTGCCCGTGACCCGG
 CTGCAGCACCTGTGCTGCTGTCCCGCCTGGTGGTCTGGACCACCCCACTGCAACGTCACTTACA
 ACGTCAATAATGGCATCCAGTATGTGGCCAGCCAGGCGGAGCAGAATGCGTCGGAAGTAGGCTCCCCACC
 CTCCTACTCCGAGGCCTTGCTGGACCAGAGGCCTGCGTGGTATGACCTTCCTCCACCGCCCTACTCTTCT
 GACACGGAATCTCTGAACCAAGCCGACCTGCCCCCTACCGCTCCCGGTCCGGGAGTGCCAACAGTGCCA
 GCTCCCAGGCAGCCAGCCTCCTGAGCGTGGAAGACACCAGCCACAGCCCGGGGAGCCTGGCCCCCA
 GGAGGGCACTGCTGAGCCAGGGACTCTGAGCCAGCCAGGGCACTGAAGAAGTATAA

Restriction Sites: Please inquire

ACCN: NM_174902


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OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_174902.2 , NP_777562.1
RefSeq Size:	2969 bp
RefSeq ORF:	1038 bp
Locus ID:	143458
UniProt ID:	Q86YD5
Cytogenetics:	11p13
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>May influence APP processing, resulting in a decrease in sAPP-alpha production and increased amyloidogenic P3 peptide production.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>