

Product datasheet for **MC220767**

Vldlr (NM_001161420) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vldlr (NM_001161420) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vldlr
Synonyms:	AA408956; AI451093; AW047288
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220767 representing NM_001161420
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCACGTCCGCGCTGGGCGCTGTGGCTGCTGCTCGCGCTGTGCTGGGCGCCCGGGACAGCGGGC
 CCACTGCAAGCGGAAGAAGCCAAATGTGATAGCTCCAGTTTCAGTGACAAAATGGCCGCTGCATTAC
 CCTGCTGTGAAAATGTGATGGAGATGAAGACTGTGCGGATGGCAGCGACGAGAAGAACTGTGAAAAGAA
 ACGTGTGCTGAGTCTGACTTCGTGTGCAAAAACGGCCAGTGTGTTCTAACAGATGGCAGTGTGACGGGG
 ATCCTGATTGCGAAGACGGTTCTGATGAAAGCCCTGAACAGTGCCATATGAGAACATGCCGATAAATGA
 AATCAGCTGTGGCGCCGTTCTACTCAGTGTATCCCCGTGCTCGGAGATGCGATGGTAAAATGATTGT
 GACAATGGAGAAGATGAAGAAAACCTGTGGCAACATAACATGTAGTGCAGATGAGTTCCTTGCTCCAGTG
 GCCGCTGCGTCTCCAGAAACTTTGTGTCAATGGCCAGGATGACTGTGACGATGGCAGTGTGAGCTGGA
 CTGTGCTCCACCAACCTGCGGAGCCACGAGTTCAGTGCAGCACCTCTTCTGCATTCCCCTCAGCTGG
 GTGTGTGATGATGACGCAGACTGTTAGACCAATCAGACGAGTCTTGGAGCAGTGTGGCGTCCAGCTG
 TGATACATACCAATGTCTACCAAGTGAAGTCCAGTGTGGCTCTGGCGAGTGCATTACAAAAAATGGCG
 GTGTGACGGAGACCCTGACTGCAAGGACGGCAGCGATGAGGTCAACTGCCCTTCTCGAACCTGCCGACCT
 GACCAGTTTGAATGTGAAGATGGTAGCTGTATCCACGGCAGCAGGCAATGCAATGGCATCCGAGACTGTG
 TTGATGGCTCTGATGAAGTCAACTGCAAAAACGTCAATCAGTGCCTGGGCCCTGGAAAGTTCAAGTGCAG
 AAGCGGGAAATGCATAGACATGAGCAAAGTATGTGACCAGGAACAAGACTGCAGAGACTGGAGTGACGAG
 CCCCTGAAGGAATGCCATATCAACGAATGCCTGGTCAATAATGGTGGCTGTTCCCATATGCAAAAGACC
 TAGTTATAGGTTATGAGTGTGATTGTGACGCTGGGTTTGAACATGATAGATAAGAAAACCTGTGGAGAT
 TGATGAATGCCAAAACCGGGGATCTGCAGTCAAATTTGTATCAACTTAAAAGGCGGTTACAAGTGTGAA
 TGTAGTCTGGCTATCAATGGATCTTGCCACTGGCGTGTGCAAGGCAGTAGGCAAGAGCCGAGTCTGA
 TCTTCACTAATCGAAGAGACATCAGGAAGATTGGCCTAGAGAGAAAGGAATACATCCAATTTGTAGAGCA
 ACTAAGGAACACGGTGGCTCTCGATGCGGACATTGCAGCTCAGAAGCTGTTTTGGGCTGATCTCAGCCAG
 AAGGCCATCTTCAAGTGCCTCAATTGATGACAAGGTTGGTAGACATTTTAAAATGATCGACAATGTCTATA
 ATCCTGCAGCCATTGCTGTTGATTGGGTGTACAAGACCATCTACTGGACTGATGCGGCTTCTAAGACTAT
 TTCAGTAGCTACCCTAGACGGAGCCAAGAGGAAGTTCTGTAAATTTGACTTGGCAGAGCCTGCCTCC
 ATAGCTGTGGATCCGTTGTCGGGCTTTGTTACTGGTCAGACTGGGGCGAGCCAGCTAAAAATAGAAAAG
 CAGGAATGAATGGATTTGATAGACGTCCTGTTGACGGAGGACATCCAATGGCCTAATGGAAATCACT
 CGACCTTGTCAAAAGCCGCTCTACTGGCTGGATTCCAAGTTGCACATGCTCTCTAGTGTGGACCTGAAT
 GGTCAAGATCGTAGGATAGTGTCAAGTCTCTGGAGTTCCTAGCTCATCCTCTTGCACTCACCATATTTG
 AGGATCGCGTCTACTGGATAGATGGAGAAAATGAAGCAGTGTACGGTGCCAATAAATTTCACTGGGTCAGA
 GCTGGCCACTCTAGTGAATAATCTCAATGATGCCAAGACATCATTGTCTACCATGAACCTCGTCCAGCCG
 TCAGGTA AAAACTGGTGTGAAGACGATATGGAGAATGGAGGATGTGAATATCTCTGCCTGCCAGCACCAC
 AGATCAATGACCACTCTCAAAAATACCTGTTCTGTCCAATGGGTACAATCTCGAAGAAAATGGACG
 AGAGTGTCAAAGGATCAATGTGACCACAGCAGTATCAGAAGTCAAGTGTTCCTCCCAAAAAGGGACTTCAGT
 GCCTGGGCCATCCTTCTCTTGTCTTCTAGTGTGACGAGCAGTGGTGGCTACTTGATGTGGAGGAATT
 GGCAACATAAAAAACATGAAAAGCATGAACTTTGACAATCCTGTGTACTTGAAGACCACTGAAGAGACCT
 GTCGATAGACATTGGTAGACACAGCGCTTCTGTAGGACACACATACCCAGCAATATCAGTTGTAAGCACA
 GATGATGATCTGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001161420
Insert Size: 2538 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:	<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_001161420.1 , NP_001154892.1
RefSeq Size:	8243 bp
RefSeq ORF:	2538 bp
Locus ID:	22359
UniProt ID:	P98156
Cytogenetics:	19 21.77 cM
Gene Summary:	<p>Binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits. Binding to Reelin induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform b), 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.</p>