

Product datasheet for **SC320737**

LRP3 (NM_002333) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRP3 (NM_002333) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_002333.1
CCCCGGGGCGGCCGGGCCGGCATGGAGAAGCGCGCGGCCGGGGCTGGAGGGCGCGCC
GGGCGCCCGGGCGCAGCTGGCCGTGCTGTGTGGTGAACATCTTTCTACCGGGAGACT
CAGCAGTGCGGTTCCTGCCTTAGCGGCCTGCAGTGGGAAGCTGGAGCAGCACACGGAGCG
GCGTGGGGTACATACAGCCCGCCTGGCCCTCAACTACCGCCAGGCACCAACTGCAG
CTGGTACATCCAGGGCGACCGTGGTGACATGATTACCATCAGCTTCCGCAACTTTGACGT
GGAGGATCCCACCAAGTCTCCCTGGACTGGCTCCTGCTGGGCCAGCAGCCCCACCCCG
CCAGGAGGCCTTCCGCCTCTGTGGCTCCGCCATCCCACCTGCCTTCATCTCTGCCCGCA
CCATGTCTGGATTTTCTTCCACTCAGACGCCTCCAGCTCCGGCCAGGCCAGGGTTCGG
TCTGTCTTACATCCGAGGGAAGCTGGGCCAGGCATCCTGCCAGGCAGATGAGTTCGGCTG
TGACAACGGCAAGTGCCTGCCCGGCCCGTGGCAGTGCAACACGGTGGACGAGTGTGGAGA
CGGCTCTGATGAGGGCAACTGCTCGGCGCCCGCCTCCGAGCCTCCAGGCAGCCTGTGCC
CGGGGGGACCTTCCCATGCAGCGGGGCGCGCTCCACGCGTGCCTGCCTGTGGAGCGGG
CTGTGACGGCTTGCAGGACTGCGGCGACGGCTCGGATGAGGCGGGCTGCCCGACCTGGC
GTGCGGCCGGCGGCTGGGCAGCTTCTACGGCTCCTTTGCCTCCCAGACCTGTTCCGGCG
CGCTCGCGGGCCCTCAGACCTTCACTGCAGTGGCTGGTGGACACACAGGACTCCCGGGC
GGTGTGCTGCAGCTGGAAGTGCAGCTGGGCTATGACGACTACGTGCAGGTATACAGGG
CCTGGGCGAGCGCGGGACCGCCTGCTGCAGACGCTGTCTACCGCAGCAACCACCGGCC
CGTGAGCCTGGAGGCCGCCAGGGCCCGCTCACCGTGGCTACCACGCGCGCGCCCGCAG
CGCCGGCCACGGCTTCAATGCCACCTACCAGGTGAAGGGCTATTGCCTCCCCTGGGAGCA
GCCGTGCGGGAGCAGTAGTGACAGTGACGGGGCAGCCTGGGCGACCAGGGCTGCTTCTC
AGAGCCACAGCGCTGTGATGGCTGGTGGCATTGTGCCAGCGGCCGAGACGACAGGGCTG
CCCTGCCTGCCCGCCGACCAGTACCCCTGCGAGGGTGGCAGTGGTCTGTGCTACACGCT
TGCCGACCGCTGCAACAACAGAAAAGCTGTCCGACGGCGCCGACGAGAAGAAGTCTT
CTCCTGCCAGCCGGCACCTTCCACTGCGGTACCAACCTGTGCATCTTCGAGACGTGGCG
CTGTGACGGCCAGGAAGACTGCCAGGACGGCAGCGATGAGCATGGGTGCCTGGCCCGCT
GCCCGCAAGGTCATCACGGCGGCGCTCATTGGCAGCCTGGTGTGTGGCCTGCTGCTGGT
CATCGCGTGGGCTGCGCCTTCAAGCTCTACTACTGCGCACGCAGGAATACAGGGCCTT
CGAGACCCAGATGACGCGCCTGGAGGCTGAGTTCGTGCGGCGGGAGGCACCCCCATCCTA
TGGTCAGCTCATGCCCAGGGCCTCATTCCACCCGTGGAGGACTTTCCTGTCTACAGTGC
GTCCCAGGCCTCTGTGCTGCAGAATCTTCGCACAGCCATGCGGAGACAGATGCGTCCGCA
CGCCTCCCGCCGGGGGCCCTCCCGCCGCGCCTCGGCCGCTCTGGAACCGGCTCTTTCA
CCGGCCCGGGGCCCCCGAGGCCAGATCCCACTGCTGACCGCAGCACGCCCTCACAGAC
CGTGTGGGCGATGGCTTCTCCAGCCTGCTCCAGGGGCTGCCCGGACCCCCAGCACC
GCTCATGGACACAGGCAGCACCAGGGCGGCCGAGACAGGCCCCCGAGTCCCCCGGCCG
TGCACCGGAGGTGGGACCTTACGGGCCACCCTTGCCTCGGGCCTGCGAGACCCAGAGTG
CAGGCCCGTGGACAAGGACAGAAAGTCTGCAGGGAGCCACTGGCAGACGGCCAGCTCC
TGCAGATGCACCTCGGGAGCCCTGCTCAGCCCAGGACCCGACCCCGAGGTCTCCACTGC
CAGCAGCACCTGGGCCCCCACTCGCCAGAGCCACTGGGGGTCTGCAGGAACCCCCGCG
CCCTGTCTCCCAATGCTGGAGGCCAGCGATGATGAGGCCTGTTGGTCTGTTGACCGCT
GGGCTCGTGGTACCGCCACAGCCCGCTTTGTAACCAGGGAATACACAGTCATTTCTA
AAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

Please inquire

ACCN:

NM_002333

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).

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:	<u>NM_002333.1</u> , <u>NP_002324.1</u>
RefSeq Size:	2601 bp
RefSeq ORF:	2313 bp
Locus ID:	4037
UniProt ID:	<u>O75074</u>
Cytogenetics:	19q13.11
Domains:	CUB, ldl_recept_a
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. Its precise role is however unclear, since it does not bind to very low density lipoprotein (VLDL) or to LRPAP1 in vitro.[UniProtKB/Swiss-Prot Function]