

Product datasheet for **SC210043**

LRP1 (NM_002332) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: LRP1 (NM_002332) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: LRP1
Synonyms: A2MR; APOER; APR; CD91; IGFBP-3R; IGFBP3R; IGFBP3R1; KPA; LRP; LRP1A; TGFBR5
ACCN: NM_002332
Insert Size: 836 bp
Insert Sequence: >SC210043 3'UTR clone of NM_002332

The sequence shown below is from the reference sequence of NM_002332. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGACGAGATAGGGGACCCCTTGGCATAGGGCCCTGCCCGTCGGACTGCCCCAGAAAGCCTCCTGC
CCCTGCCAGTGAAGTCCCTTCAGTGAGCCCTCCCAGCCAGCCCTTCCCTGGCCCCGCGGATGTATA
AATGTAAAAATGAAGGAATTACATTTTATATGTGAGCGAGCAAGCCGGCAAGCGAGCACAGTATTATTT
CTCCATCCCTCCCTGCCTGCTCCTTGGCACCCCATGCTGCCTTCAGGGAGACAGGCAGGGAGGGCTT
GGGGTGCACCTCCTACCCTCCCACCAGAACGCACCCCACTGGGAGAGCTGGTGGTGCAGCCTTCCCT
CCCTGTATAAGACACTTTGCCAAGGCTCTCCCTCTCGCCCCATCCCTGCTTGCCCGCTCCACAGCTT
CCTGAGGGCTAATTCTGGGAAGGGAGAGTTCTTTGCTGCCCTGTCTGGAAGACGTGGCTCTGGGTGAG
GTAGGCGGAAAGGATGGAGTGTTTTAGTTCTTGGGGAGGCCACCCCAAACCCAGCCCAACTCCAG
GGGCACCTATGAGATGGCCATGCTCAACCCCTCCCAGACAGGCCCTCCCTGTCTCCAGGGCCCCAC
CGAGGTTCCAGGCTGGAGACTTCTCTGGTAAACATTCTCCAGCCTCCCTCCCTGGGACGCCA
AGGAGGTGGGCCACCCAGGAAGGAAAGCGGGCAGCCCGTTTTGGGGACGTGAACGTTTTAATAAT
TTTTGCTGAATTCCTTACAACATAACACAGATATTGTTATAAATAAATTGTAATAAAAAAAAAA
AAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002332.3
Summary:	This gene encodes a member of the low-density lipoprotein receptor family of proteins. The encoded preproprotein is proteolytically processed by furin to generate 515 kDa and 85 kDa subunits that form the mature receptor (PMID: 8546712). This receptor is involved in several cellular processes, including intracellular signaling, lipid homeostasis, and clearance of apoptotic cells. In addition, the encoded protein is necessary for the alpha 2-macroglobulin-mediated clearance of secreted amyloid precursor protein and beta-amyloid, the main component of amyloid plaques found in Alzheimer patients. Expression of this gene decreases with age and has been found to be lower than controls in brain tissue from Alzheimer's disease patients. [provided by RefSeq, Oct 2015]
Locus ID:	4035
MW:	29.8