

Product datasheet for **SC214905**

ApoER2 (LRP8) (NM_001018054) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ApoER2 (LRP8) (NM_001018054) Human 3' UTR Clone
Symbol:	ApoER2
Synonyms:	APOER2; HSZ75190; LRP-8; MCI1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001018054
Insert Size:	2000 bp



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Insert Sequence:	>SC214905 3'UTR clone of NM_001018054 The sequence shown below is from the reference sequence of NM_001018054. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC TTAAGCCTTGAAGATGATGGACTACCCGAGGATGGGATACCCCTTCGTGCCTCATGGAATTCAGTC CCATGCACTACACTCTGGATGGTGTATGACTGGATGAATGGGTTTCTATATATGGGTCTGTGTGAGTGT ATGTGTGTGTGATTGTTTTTTTAAATTTATGTTGCGGAAAGGTAACCACAAAGTTATGATGAAGTGC AAACATCCAAAGGATGTGAGAGTTTTCTATGTATAATGTTTTATACACTTTTAACTGGTTGCACTAC CCATGAGGAATTCGTGGAATGGCTACTGCTGACTAACATGATGCACATAACCAAATGGGGGCCAATGGC ACAGTACCTTACTCATCTTTAACTATATTTACAGAAGATGTTTGGTTGCTGGGGGGCTTTTTTA GGTTTTGGGCAATTTGTTTTTGTAAATAAGATGATTATGCTTTGTGGCTATCCATCAACATAAGTAAA AAAAAAAAAAAAACACTCAACTCCCTCCCCATTAGATTATTTATTAACATATTTTAAAAATCAGAT GAGTTCTATAAATAATTTAGAGAAGTGAGAGTATTTATTTTGGCATGTTTGGCCACCACACAGACTC TGTGTGTGTATGTGTGTGTTTATATGTGTATGTGTGTGACAGAAAAATCTGTAGAGAAGAGGCACATCT ATGGCTACTGTTCAAATACATAAAGATAAATTTATTTTACACAGTCCACAAGGGGTATATCTTGTAGT TTTCAGAAAAGCCTTTGGAAATCTGGATCAGAAAAATAGATACCATGGTTTGTGCAATTATGTAGTAAAA AAGGCAATCTTTTCACTCTGGCTATTCCTGAGACCCAGGAAGTCAGGAAAAGCCTTTAGCTCACC CATGGCTGCTGTGACTCCTACAGGGCTTTCTTGGCTTTGGCGAAGGTCAGTGTACAGACATTCCATGG TACCAGAGTGCTCAGAACTCAAGATAGGATATGCCTCACCTCAGCTACTCCTTGTGTTTAAAGTTCAG CTCTTTGAGTAACTTCTCAATTTCTTTCAGGACACTTGGGTTGAATTCAGTAAGTTTCTCTGAAGCA CCCTGAAGGGTGCCATCCTTACAGAGCTAAGTGGAGACGTTTCCAGATCAGCCCAAGTTTACTATAGAG ACTGGCCCAAGGCACTGAATGTCTAGGACATGCTGTGGATGAAGATAAAGATGGTGAATAGGTTTTATC ACATCTCTTATTTCTCTTTCCCTTACTCTTACCATTTCCTTTATGTGGGGAACATTTTAAAGTAA TAAATAGGTTACTTACCATCATATGTTTATAGATGAACTAATTTTGGCTTAAGTCAGAACAACTG GCCAAATGAAGTCATATTTGAGGGGGGAAATGGCATACGCAATATTATATTATATTGGATATTTATG TTCACACAGGAATTTGGTTTACTGCTTTGTAATAAAAGGAAAACTCCGGGTATATGTATAGATGTTT TTCATTATAGACATCTTCTTGTCTTTCTTGGCCTTGGGGGAGGAAGGAGAGTCTCTTTTCTACTT GTGGGCTCTCCATTGGAACATAATCCTATAGTCCAGAAAGGATTCAGTCCCAAGTGGCTTTCCCATC CAAAGAGAAAGAGTTTGAGTTTCTTAACCTGCTGTTCTGCCACTTACTCCCACTAGACAACCAGGGAC AAGGTGCAACATGGAAGTGTGACTTAAGTAGGAGCAGAGGAGCTGCATCTAATCTCATACACCTGG AACTTGACACACTTAAGCAATGCCTTCCCATCCCTACCTGCCAGATGCCCCAACTCAATGAAGTTGG ATGTCTCACCAGCTTGATACCTTTGAATTTTCAAGTCAGACATTTCTGGAGTTCTAGCATCTGTACCTA GGACCTTCTCTGTGCTACTCTTGGCCTCCTAACTCTAAGAAAAAATACTATATTCTGGAGCTTGGGC ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-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).
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:	<u>NM_001018054.3</u>

Summary:	This gene encodes a member of the low density lipoprotein receptor (LDLR) family. Low density lipoprotein receptors are cell surface proteins that play roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. The encoded protein plays a critical role in the migration of neurons during development by mediating Reelin signaling, and also functions as a receptor for the cholesterol transport protein apolipoprotein E. Expression of this gene may be a marker for major depressive disorder. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2011]
Locus ID:	7804
MW:	75.8