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Product datasheet for SC214806

ApoER2 (LRP8) (NM_033300) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ApoER2 (LRP8) (NM_033300) Human 3' UTR Clone
Symbol:	ApoER2
Synonyms:	APOER2; HSZ75190; LRP-8; MCI1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033300
Insert Size:	2000 bp

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Insert Sequence:

>SC214806 3'UTR clone of NM_033300
The sequence shown below is from the reference sequence of NM_033300. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAAGCCTTGAAGATGATGGACTACCCTGAGGATGGGATCACCCCCTTCGTGCCTCATGGAATTCAGTC
CCATGCACTACACTCTGGATGGTGTATGACTGGATGAATGGGTTTCTATATATGGGTCTGTGTGAGTGT
ATGTGTGTGTGTGATTTTTTTTTTAAATTTATGTTGCGGAAAGGTAACCACAAAGTTATGATGAACTGC
AAACATCCAAAGGATGTGAGAGTTTTTCTATGTATAATGTTTTATACACTTTTTAACTGGTTGCACTAC
CCATGAGGAATTCGTGGAATGGCTACTGCTGACTAACATGATGCACATAACCAAATGGGGGCCAATGGC
ACAGTACCTTACTCATCATTTAAAAACTATATTTACAGAAGATGTTTGGTTGCTGGGGGGGCTTTTTTA
GGTTTTGGGGCATTTGTTTTTTGTAAATAAGATGATTATGCTTTGTGGCTATCCATCAACATAAGTAAA
AAAAAAAAAAAAACACTTCAACTCCCTCCCCCATTTAGATTATTTATTAACATATTTTAAAAATCAGAT
GAGTTCTATAAATAATTTAGAGAAGTGAGAGTATTTATTTTTGGCATGTTTGGCCCACCACACAGACTC
TGTGTGTGTATGTGTGTGTTTATATGTGTATGTGTGTGACAGAAAAATCTGTAGAGAAGAGGCACATCT
ATGGCTACTGTTCAAATACATAAAGATAAATTTATTTTCACACAGTCCACAAGGGGTATATCTTGTAGT
TTTCAGAAAAGCCTTTGGAAATCTGGATCAGAAAATAGATACCATGGTTTGTGCAATTATGTAGTAAAA
AAGGCAAATCTTTTCACCTCTGGCTATTCCTGAGACCCCAGGAAGTCAGGAAAAGCCTTTCAGCTCACC
CATGGCTGCTGTGACTCCTACCAGGGCTTTCTTGGCTTTGGCGAAGGTCAGTGTACAGACATTCCATGG
TACCAGAGTGCTCAGAAACTCAAGATAGGATATGCCTCACCCTCAGCTACTCCTTGTTTTAAAGTTCAG
CTCTTTGAGTAACTTCTTCAATTTCTTTCAGGACACTTGGGTTGAATTCAGTAAGTTTCCTCTGAAGCA
CCCTGAAGGGTGCCATCCTTACAGAGCTAAGTGGAGACGTTTCCAGATCAGCCCAAGTTTACTATAGAG
ACTGGCCCAGGCACTGAATGTCTAGGACATGCTGTGGATGAAGATAAAGATGGTGGAATAGGTTTTATC
ACATCTCTTATTTCTCTTTTCCCCTTACTCTCTACCATTTCCTTTATGTGGGGAAACATTTTAAGGTAA
TAAATAGGTTACTTACCATCATATGTTCATATAGATGAAACTAATTTTTGGCTTAAGTCAGAACAACTG
GCCAAAATTGAAGTCATATTTGAGGGGGGAAATGGCATACGCAATATTATATTATATTGGATATTTATG
TTCACACAGGAATTTGGTTTACTGCTTTGTAAATAAAAGGAAAAACTCCGGGTATATGTATAGATGTTC
TTCATTATAGACATCTTCTTTGCTTTTCTTGGCCTTGGGGGAGGAAGGGAGAAGTGCTCTTTTCTACTT
GTGGGGTCTCCCATTGGAAACATAATCCTATAGTCCCAGAAGGATTCAGTCCCCAGTGGCTTTCCCATC
CAAAGAGAAAGAGTTTGAGTTTCTTAACTCTGCTGTTCTGCCACTTACTCCCACTAGACAACCAGGGAC
AAGGTGCAACATGGAAGTGTTTGACTTAAGTAGGAGCAGAGGAGCTGCATCTAATCTCATCATACCTGG
AACTTGACACACTTAAGCAAATGCCTTCCCATCCCTACCTGCCAGATGCCCCCAACTCAATGAAGTTGG
ATGTCTCACCAGCTTGATACCCTTTGAATTTTCAGTCAGACATTCTGGAGTTCTAGCATCCTGTACCTA
GGACCTTCCTCTGTGTCACTCTTGGCCTCCTAAACTCTAAGAAAATAACTATATTCTGGAGCTTGGGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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).

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_033300.4

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