

## Product datasheet for **SC214906**

### **ApoER2 (LRP8) (NM\_004631) Human 3' UTR Clone**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones                                |
| Product Name:             | ApoER2 (LRP8) (NM_004631) Human 3' UTR Clone |
| Symbol:                   | ApoER2                                       |
| Synonyms:                 | APOER2; HSZ75190; LRP-8; MCI1                |
| Mammalian Cell Selection: | Neomycin                                     |
| Vector:                   | pMirTarget (PS100062)                        |
| ACCN:                     | NM_004631                                    |
| Insert Size:              | 2000 bp                                      |



[View online »](#)

**Insert Sequence:** >SC214906 3'UTR clone of NM\_004631  
 The sequence shown below is from the reference sequence of NM\_004631. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAAGCCTTGAAGATGATGGACTACCCTAGGATGGATACCCCTTCGTGCCTCATGGAATTCAGTC
CCATGCACTACACTCTGGATGGTGTATGACTGGATGAATGGGTTTCTATATATGGTCTGTGTGAGTGT
ATGTGTGTGTGATTTTTTTTTTAAATTTATGTTGCGGAAAGGTAACCACAAAGTTATGATGAACTGC
AAACATCCAAAGGATGTGAGAGTTTTTCTATGTATAATGTTTTATACACTTTTTAACTGGTTGCACTAC
CCATGAGGAATTCGTGGAATGGCTACTGCTGACTAACATGATGCACATAACCAAATGGGGGCCAATGGC
ACAGTACCTTACTCATCTTTAAAACTATATTTACAGAAGATGTTTGGTTGCTGGGGGGCTTTTTTA
GGTTTTGGGGCATTGTGTGTGTAATAAGATGATTATGCTTTGTGGCTATCCATCAACATAAGTAAA
AAAAAAAAAAAAACACTTCAACTCCCTCCCCATTAGATTATTTATTAACATATTTAAAAATCAGAT
GAGTTCTATAAATAATTTAGAGAAGTGAGAGTATTTATTTTGGCATGTTTGGCCACCACACAGACTC
TGTGTGTGTATGTGTGTGTTATATGTGTATGTGTGTGACAGAAAAATCTGTAGAGAAGAGGCACATCT
ATGGCTACTGTTCAAATACATAAAGATAAATTTATTTTACACAGTCCACAAGGGGTATATCTTGTAGT
TTTCAGAAAAGCCTTTGGAAATCTGGATCAGAAAAATAGATACCATGGTTTGTGCAATTATGTAGTAAAA
AAGGCAATCTTTTACCTCTGGCTATTCCTGAGACCCAGGAAGTCAGGAAAAGCCTTTTCCAGCTCACC
CATGGCTGCTGTGACTCCTACCAGGGCTTTCTGGCTTTGGCGAAGGTCAGTGTACAGACATTCCATGG
TACCAGAGTGCTCAGAACTCAAGATAGGATATGCCTCACCTCAGCTACTCCTTGTTTTAAAGTTCAG
CTCTTTGAGTAACTTCTCAATTTCTTTTTCAGACACTTGGGTTGAATTCAGTAAGTTTCTCTGAAGCA
CCCTGAAGGGTGCCATCCTTACAGAGCTAAGTGGAGACGTTTCCAGATCAGCCCAAGTTTACTATAGAG
ACTGGCCAGGCACTGAATGTCTAGGACATGCTGTGGATGAAGATAAAGATGGTGAATAGGTTTTATC
ACATCTCTTATTTCTCTTTTCCCCTTACTCTCTACCATTTCCTTTATGTGGGAAACATTTTAAAGTAA
TAAATAGGTTACTTACCATCATATGTTTATAGATGAACTAATTTTTGGCTTAAAGTCAGAACTG
GCCAAAATTGAAGTCATATTTGAGGGGGGAAATGGCATAACGCAATATTATATTATATTGGATATTTATG
TTCACACAGGAATTTGGTTTACTGCTTTGTAATAAAAAGGAAAAACTCCGGGTATATGTATAGATGTTT
TTCATTATAGACATCTTCTTTGCTTTTCTGGCCTTGGGGGAGGAAGGAGAGTCTCTTTTCTACTT
GTGGGCTCTCCATTGGAACATAATCCTATAGTCCCAGAAGGATTCAGTCCCAGTGGCTTTCCATC
CAAAGAGAAAGAGTTTGAGTTTCTTAACCTGCTGTTCTGCCACTTACTCCCACTAGACAACCAGGGAC
AAGGTGCAACATGGAAGTGTGACTTAAAGTAGGAGCAGAGGAGCTGCATCTAATCTCATACACTGG
AACTTGACACACTTAAAGCAAATGCCTTCCCATCCCTACCTGCCAGATGCCCCCAACTCAATGAAGTTGG
ATGTCTCACCAGCTTGATACCCTTTGAATTTTTCAGTCAGACATTTGGAGTTCTAGCATCCTGTACCTA
GGACCTTCTCTGTGCTACTCTTGGCCTCTAAACTCTAAGAAAAAATACTATATTCTGGAGCTTGGGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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:** [NM\\_004631.5](#)

**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