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Product datasheet for SC208823

ALS2CR2 (STRADB) (NM_018571) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: ALS2CR2 (STRADB) (NM_018571) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: STRADB

Synonyms: ALS2CR2; CALS-21; ILPIP; ILPIPA; PAPK; PRO1038

ACCN: NM_018571

Insert Size: 701 bp

Insert Sequence:

>SC208823 3'UTR clone of NM_018571
The sequence shown below is from the reference sequence of NM_018571. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATGAAAAAGACTCATACTGGGAATTCTAGGCTGCCAAATCATTTTATGTCCTATATACTTGACACTT
TCTCCTTGCTGCTTTTTCTTCTGTATTTCTAGGTACAAATACCAGAATTATACTTGAAAATACAGTTGG
TGCACTGGAGAATCTATTATTTAAAACCACTCTGTTCAAAGGGGCACCAGTTTGTAGTCCCTCTGTTTC
GCACAGAGTACTATGACAAGGAAACATCAGAATTACTAATCTAGCTAGTGTCATTTATTCTGGAATTTT
TTTCTAAGCTGTGACTAACTCTTTTTATCTCTCAATATAATTTTTGAGCCAGTTAATTTTTTTCAGTAT
TTTGCTGTCCCTTGGGAATGGGCCCTCAGAGGACAGTGCTTCCAAGTACATCTTCTCCCAGATTCTCTG
GCCTTTTTAATGAGCTATTGTTAAACCAACAGGCTAGTTTATCTTACATCAGACCCTTTTCTGGTAGAG
GGAAAATGTTTGTGCTTTCCCTTTTTCTTCTGTTAATACTTATGGTAACACCTAACTGAGCCTCACTCA
CATTAAATGATTCACTTGAAATATATACAGAAATTGTAATTTGCTTTTTTTTAAACAAGGGGGCTAAAG
TAACACTTTCCTACTTATGTAAATTATAGATCCTAAATTCACGCACCCCGTGGGAGCTCAATAAAGATT
TACTGAATTGA
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).

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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_018571.6

Summary: This gene encodes a protein that belongs to the serine/threonine protein kinase STE20 subfamily. One of the active site residues in the protein kinase domain of this protein is altered, and it is thus a pseudokinase. This protein is a component of a complex involved in the activation of serine/threonine kinase 11, a master kinase that regulates cell polarity and energy-generating metabolism. This complex regulates the relocation of this kinase from the nucleus to the cytoplasm, and it is essential for G1 cell cycle arrest mediated by this kinase. The protein encoded by this gene can also interact with the X chromosome-linked inhibitor of apoptosis protein, and this interaction enhances the anti-apoptotic activity of this protein via the JNK1 signal transduction pathway. Two pseudogenes, located on chromosomes 1 and 7, have been found for this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]

Locus ID: 55437

MW: 27.8