

Product datasheet for **SC212701**

ASRGL1 (NM_001083926) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ASRGL1 (NM_001083926) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ASRGL1
Synonyms: ALP; ALP1; CRASH
ACCN: NM_001083926
Insert Size: 1158 bp
Insert Sequence: >SC212701 3'UTR clone of NM_001083926
The sequence shown below is from the reference sequence of NM_001083926. 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
GACGATACTACTATCACCGACCTTCCCTAAGCCGCTGGAAGATTGTATTCCAGATGCTAGCTTAGAGGT
CAAGTACAGTCTCCTCATGAGACATAGCCTAATCAATTAGATCTAGAATTGGAAAAATTGCCGTCTG
TCACTTGTTTTGTGCCTTAATAAGCATCTGAATGTTTGGTTGTGGGCGGGTCTGAAGCGATGAGAG
AAATGCCCGTATTAGGAGGATTACTTGAGCCCAGGAGGTCAAAGCTGAGGTGAGCCATGATTACTCCAC
TGCACTCCAGCCTGGGCAACAGAGCCAGGCCCTGTATCAAAAAAAAAAAAAAAAAAGAAAAGGAAAAAA
GAAAGAAAGCAGCAGCATGATCCTGACATGACAGATGTGGGAGACCCACAGCCTGCAGACACTGTGGGC
TGGAAGGTGGGAAGGGAGGGCCGGTGGAGGTGGAGCTGTTTAAAGTGACACAGCAGCAGTAGAAGCA
GTGGTGGGCGAAGCCAGGTGACCCTCAGAACGTTGCACAAGAACATCAGGGAAAAGAACCAGAATCCT
TTAAGGAAAATGTTCTTCATGTATGAGAGACTAAAGTATTTTTCTAAGAAAAGTTCAGCCCTTCTCTGA
CTTACCTGGACATTTCTAGATACTTCAAAGGACCCTCTGGGAATCCATAGCTTCTTAATCTGGAGATG
GGAGGTATAAGGGAGACGCTGTGGGGTTCCTTGAAGTTTCTTGGGTTACAGAGGAGCCCCCTCACTT
GGTGTCTCCCGTGAGCCAGCCTCCACCTGCCAAAGACTCTGGTCTCGTATAGTGAGTAATGGGGC
TCAGGGCCTCTCCAACAACAGAGAGGAGCTGATGCTGTAGGGCTGACCCCGTGACTTCTGAGTCTCA
CCCTGTCCAGTGCTTTGAGATTCTCCACCTCCCCATCCTCACCAGCCGGATCGGGCGCTGTGCAGTG
TGGTCAGCATGGTGAAGAAAGTCATTTCTCGGTGGGCGAGTATTCCTCTTTATCTCTCATTACACTGGA
AATGTTATTTCTGCTGTATCATCCGTGCTCAACGTTTTAGTCTGTGAGGCTCACCTTCTCTGGAAG
AATTTGCTTAACCTGACATTCATGTGCCGCTAATAAAAATATATTTTGAAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTCCATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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_001083926.2
Summary:	Has both L-asparaginase and beta-aspartyl peptidase activity. May be involved in the production of L-aspartate, which can act as an excitatory neurotransmitter in some brain regions. Is highly active with L-Asp beta-methyl ester. Besides, has catalytic activity toward beta-aspartyl dipeptides and their methyl esters, including beta-L-Asp-L-Phe, beta-L-Asp-L-Phe methyl ester (aspartame), beta-L-Asp-L-Ala, beta-L-Asp-L-Leu and beta-L-Asp-L-Lys. Does not have aspartylglucosaminidase activity and is inactive toward GlcNAc-L-Asn. Likewise, has no activity toward glutamine.[UniProtKB/Swiss-Prot Function]
Locus ID:	80150
MW:	42.8