

## Product datasheet for **SC305727**

### AMAC1L2 (SLC35G5) (NM\_054028) Human Untagged Clone

#### Product data:

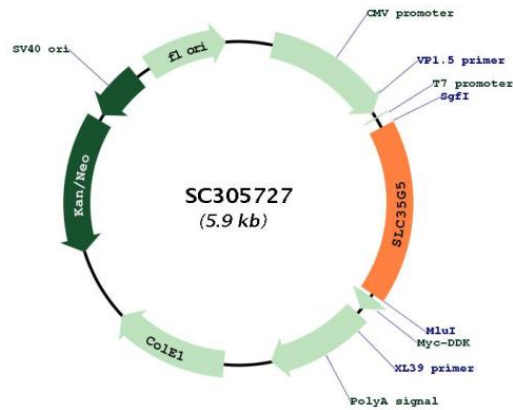
Product Type:	Expression Plasmids
Product Name:	AMAC1L2 (SLC35G5) (NM_054028) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35G5
Synonyms:	AMAC; AMAC1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305727 representing NM_054028. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGGCAGTCACCCCTACTTCAACCTGCCTGACTCCACACACCCATCGCCGCCCTCCGCTCCACCC
AGCCTCCGCTGGCACCAGCGCTGCCAGCCCTCTGGTGCCACCAATGGCCTGCTGGTGGCCCTGCTGGGT
GGGGCCCTGCCTGCTGGCTTCGTGGGCCCCCTTCTCGTATGGCTTACCAGGTTCCAACCTGCCCTCG
CTGGAGCTGCTCATCTGTCGATGCCTCTCCACCTCCCTATTGCCCTGCTACTTAACTGCGTGGCGAC
CCCCTTCTGGGACCTCCTGACATCCGAGGCTGGGCTGCTTCTGTGCCCTGCTCAACGCTCCTCAGCATT
GGATGTGCTACAGTGCAGTTCAGGTGGTGCCCGCTGGCAACGCTGCCACTGTTCCGAAAGTTCTTCC
ACCGTATGCTCCGCTGTCTCACCTCTGCCTTGAGAGCCAGGGTCTCGGTGGCTACGAGTGGTGTGGA
CTGTTGGGCAGCATCCTAGGACTAATCATCATTCTGGGACCTGGACTCTGGACACTACAGGAGGGGACC
ACAGGTGTCTACACCACCTGGGCTATGTGAGGCTTTCCTGGGAGGCCTGGCGCTGTCCCTGGGCTT
CTGGTCTATCGTTCTCTGCACCTTCCCTCCTGCCTCCCAACAGTGGCCTTCTATCTGGCTTGGTGGG
CTGCTGGGCTGTGTGCCAGGCCTTTGTGCTGACAGCCCGTGTGGCCAGTGACCTCCTGAGTTGG
AGTTGTGTGGGGCAGAGGGGATCCTCGCCTTGGTCTCCTTACATGTGTGGCTATGCGGTACCAAG
GCCACCCTGCCCTGGTGTGCCTGTCTGCATTCCGAGGTGGTGTGGCCCTTATACTGCAGTATTAT
ATGCTCCATGAGACTGTGGCACTTCTGACATCATGGGGCAGGGGTTGTGCTGGGCAGCATTGCCATC
ATTACAGCCCGAACCTCAGCTGTGAGAGGACAGGGAAGGTGGAGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

**Plasmid Map:**


**ACCN:** NM\_054028

**Insert Size:** 1017 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_054028.1](#)

**RefSeq Size:** 1201 bp

**RefSeq ORF:** 1017 bp

**Locus ID:** 83650

UniProt ID: [Q96KT7](#)

Cytogenetics: 8p23.1

Protein Families: Transmembrane

MW: 35.2 kDa

**Gene Summary:** This gene is intronless and probably arose from retrotransposition of a similar gene. It has high sequence similarity to the gene encoding acyl-malonyl condensing enzyme on chromosome 17. [provided by RefSeq, Aug 2011]