

Datasheet for ABIN4918104

## Human SLC35G5 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	AMAC1L2 (SLC35G5)
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human SLC35G5 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1017 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCTGGCA GTCACCCCTA CTTCAACCTG CCTGACTCCA CACACCCATC GCCGCCCTCC GCTCCACCCA GCCTCCGCTG GCACCAGCGC TGCCAGCCCT CTGGTGCCAC CAATGGCCTG CTGGTGGCCC TGCTGGGTGG GGGCCTGCCT GCTGGCTTCG TGGGCCCCCT TTCTCGTATG GCTTACCAGG GTTCCAACCT GCCCTCGCTG GAGCTGCTCA TCTGTGCGATG CCTCTTCCAC

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## Product Details

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CTCCCTATTG CCCTGCTACT TAAACTGCGT GGCGACCCCC TTCTGGGACC TCCTGACATC  
CGAGGCTGGG CCTGCTTCTG TGCCCTGCTC AACGTCCTCA GCATTGGATG TGCCTACAGT  
GCAGTTCAGG TGGTGCCCGC TGGCAACGCT GCCACTGTTC GCAAAGGTTC TTCCACCGTA  
TGCTCCGCTG TCCTCACCT CTGCCTTGAG AGCCAGGGTC TCGGTGGCTA CGAGTGGTGT  
GGACTGTTGG GCAGCATCCT AGGACTAATC ATCATTCTGG GACCTGGACT CTGGACACTA  
CAGGAGGGGA CCACAGGTGT CTACACCACC CTGGGCTATG TGCAGGCTTT CCTGGGAGGG  
CTGGCGCTGT CCCTGGGGCT TCTGGTCTAT CGTTCTCTGC ACTTTCCTC CTGCCTCCCA  
ACAGTGGCCT TCCTATCTGG CTTGGTGGGG CTGCTGGGCT GTGTGCCAGG CCTCTTTGTG  
CTGCAGACCC CCGTGTTGCC CAGTGACCTC CTGAGTTGGA GTTGTGTGGG GGCAGAGGGG  
ATCCTCGCCT TGGTCTCCTT CACATGTGTG GGCTATGCGG TCACCAAGGC CCACCCTGCC  
CTGGTGTGCG CTGTCCTGCA TTCCGAGGTG GTTGTGGCCC TTATACTGCA GTATTATATG  
CTCCATGAGA CTGTGGCACT TTCTGACATC ATGGGGCAG GGGTTGTGCT GGGCAGCATT  
GCCATCATT CAGCCCGAA CCTCAGCTGT GAGAGGACAG GGAAGGTGGA GGAGTGA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene: AMAC1L2 (SLC35G5)

Alternative Name: SLC35G5 ([SLC35G5 Products](#))

Background: 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].

Gene ID: 83650

NCBI Accession: [NM\\_054028](#)

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## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)