

Product datasheet for **SC112586**

SLC35F2 (NM_017515) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F2 (NM_017515) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35F2
Synonyms:	HSNOV1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017515, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCAGACTCGCCAGCGGGCCCCGGCGCCCCAGAGCCCCTCGCGGAGGGAGCGGCGGCCGAGTTCT
CCAGCCTGCTGCGCAGGATAAAAAGGCAAACCTTTCACCTGGAATATTTTGAAAACAATTGCCCTGGGTCA
GATGTTGTCTTGTGTATATGTGGGACAGCCATCACCAGCCAGTATTTGGCAGAAAGATACAAAAGTGAAC
ACCCCATGCTTCAGAGCTTTATCAATTATTGCTTGTCTTCTAATTTATACAGTGATGCTGGCATTTC
GATCAGGCAGTGATAACCTTTTAGTAATCTTGAAAAGAAAATGGTGAAGTACATCCTGCTGGGACTAGC
AGATGTGGAAGCTAATTATGTGATCGTCAGAGCCTACCAGTACACAACCTAACCAGTGTCCAGCTTTTG
GATTGCTTTGGGATTCTGTGTTGATGGCTCTGTCATGGTTTATCTTCATGCAAGATACAGAGTGATCC
ACTTCATCGCCGTGGCTGTCTGTCTGTTGGGTGTAGGAACCATGGTTGGTGCAGACATACTAGCAGGGAG
GGAAGACAATTCAGGGAGTGATGTATTGATTGGTGACATCTTGGTCCTTCTTGGGGCTTCCCTCTATGCC
ATTTCAAATGTTTGTGAGGAATACATCGTGAAGAAGCTGAGCAGACAGGAGTTTTTAGGAATGGTGGGCC
TGTTTGAACAATTATCAGTGGTATACAGCTATTGATTGTGGAATATAAGGATATTGCCAGCATTTCATTG
GGACTGAAAAATTGCCCTGCTGTTTCGTGGCATTGGCCCTGTGTATGTTTTGCCTGTACAGCTTCATGCCA
TTGGTGATTAAGTCACTAGTGCCACTCCGTCACCTGGGCATCCTGACAGCGGACCTCTACAGCCTTT
TTGTTGGACTCTTCTGTTTGGCTATAAGTTTTAGGACTCTACATCCTGCTCCTCACTGTATCATGTT
GGGTTTTATCCTGTACTGCTCCACCCCTACTCGCACGGCCGAGCCGGCTGAAAGCAGCGTGCCTCCAGTC
ACCAGCATTGGGATTGACAACCTGGGGCTGAAGCTGGAGGAGAACCTCCAGGAGACCCACTCTGCTGTCT
TGTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017515 unedited
 TTAGATTTGACACACTATTAGGCGGCCCGATTTCGCACGAGGCAAGGGCGCCGATGGAGGC
 AGACTCGCCAGCGGGCCCCGGCGCCCCAGAGCCCCTCGCGGAGGGAGCGGCGCCGAGTT
 CTCCAGCCTGCTGCGCAGGATAAAAAGGCAAACCTTTCACCTGGAATATTTTGAAAACAAT
 TGCCCTGGGTGAGATGTTGTCTTGTGTATATGTGGACAGCCATCACCAGCCAGTATTT
 GGCAGAAAAGATACAAAAGTGAACACCCCCATGCTTCAGAGCTTTATCAATTATTGCTTGCT
 GTTCCTAATTTATACAGTGATGCTGGCATTTCGATCAGGCAGTGATAACCTTTTAGTAAT
 CTTGAAAAGAAAATGGTGAAGTACATCCTGCTGGGACTAGCAGATGTGGAAGCTAATTA
 TGTGATCGTCAGAGCCTACCAGTACACAACCTTAACCAGTGTCAGCTTTTGGATTGCTT
 TGGGATTCCTGTGTTGATGGCTCTGTCATGGTTTATTCTTCATGCAAGATACAGAGTGAT
 CCACCTTCATCGCCGTGGCTGTCTGTCTGTTGGGTGTAGGAACCATGGTTGGTGCAGACAT
 ACTAGCAGGGAGGGAAGACAATTCAGGNAGTGATGATTGATTGGTGACATCTTGGTCTCT
 TCTTGGNGCTTCCCTCTATGCCATTTCAAATGTTGTGAGGAATACATCGTGAAGAGCT
 GAGCAGACAGGAGTTNNTAGGAATGGGTGGCCTGNTTGGAAACATTATCAGTGGTATAC
 AGCTATTGATTGGATATAAGGATATTGCCAGCATTATTGGGACTGGGAAAATGCCCT
 GCTNGTCGTGGCATTTCGCCCTGTGGTATGTTGGCTGTACAGCTCATGCCATGGNTGGAT
 AAAGTCCCTAGTGCCACTTCGTCACCTGGGCATCTGAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017515 unedited
 GGACCTTTATGTGTGAACCTTACTCCCCTTTCTTTTTTACATTGTTACAAAAAATTTACA
 TACAGTTTTCTGAAAAGTGGCATTGTTGGTTGTTATTACTGATGACACATATTAACA
 CTTTGTATTGAAGAAGTATCATAAAAATCACAGGGCATTACAGATTTTTGATAAGAAGTA
 GTAATAGCATTGTCTTTAACAGCTGGAGGCTCCAGGCATACTTTTGGTGAGAAATGA
 TTAATTTTATATTTTCATTTTGATGAGAATCTTTTCTTGTTTTTACCAGTTATAAAAACA
 AAGCTTTTTCTTTGTTGTGATACTGTGCACTAAGACTTAGTTTCTTGAGCTGATGCTAAA
 TAAAATGAGATCAATAGGAATATTCAGGAGGTCGTGAGAAGTTTTAGAAAAGGATGGCA
 TCTACATATATATGGAGCTCTGAAAACCTGTTGGAGAGTATGACCTGGGACTGAACTGTG
 GAGCACATAGCCAGTGTACAGGCTCCGAGAGCAGAGAGAGTTTGTCTGGGACCTGGAA
 TGAGTGATGGAGAAATGTTTTAAACAAACAAACAAACAGGCCAGGCACAGTGGTTCACAT
 CTGTAATCCTAGCACTCTCGGAGGCCGAGGTGGGCATATCGCTTCTATCTCATGAATCTG
 AGATTATCCTGGGCACCATGCCGAAAACCCCATCTCTACAAAAACAACAAAACAGGCC
 TGGCACGGTGGCTTCAGCCCTGAATCCCAGCACTTTGGAAGTCGGGGCAAGCATATCACT
 TGATGTGGGAGGTCAAGACCAGCCTGGCAACATGTGAATACCCATGTCTACTAAAATAC
 AAAACTTAGCTGGGCGTGGGGCCACATGCTTTGGTAATCCACTTCTAACACCTGAATCAC
 GAAGCCAAGGTTCAATAAGCTGGACTTGCCCTGCACTTTAACTCTGATCTCGAACAAAC
 AATACCATGGGGCATAGGTCTAGGTTACTGCTCCCTN

Restriction Sites:

NotI-NotI

ACCN:

NM_017515

Insert Size:

3000 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_017515.3](#), [NP_059985.2](#)

RefSeq Size: 3184 bp

RefSeq ORF: 1125 bp

Locus ID: 54733

UniProt ID: [Q8IXU6](#)

Cytogenetics: 11q22.3

Domains: DUF6

Protein Families: Transmembrane

Gene Summary: Putative solute transporter.[UniProtKB/Swiss-Prot Function]