

Product datasheet for **SC110225**

SLC35F5 (NM_025181) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F5 (NM_025181) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35F5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025181, the custom clone sequence may differ by one or more nucleotides

ATGGTGCCGCCACGACGCCATCGCGGGCAGGAAGGCCAGGGTGCTGAGTTCTTCACCTCCTTTAGAC
TGAGATCTGCCAAGTTTTCCGGCATTGCTCTTGAGGATCTCAGAAGGGCTCTTAAGACAAGACTGCAAT
GGTGTGTGATTTGTGATGAACCGAATGAATCCAGAACAGTGGTTCACTCAGCGCAGGCGAATGGCT
CTTGGGATTGTTATCTCTGCTGTTGATGTGATATGGGTTGCTTCCTCTGAACCTACTTCGTATGTT
TTACCCAGTACAACAAACCATCTTCAGCACCTTTGCAAAAACATCTATGTTGTTTGTACCTTTTGGG
CTTTATTATTTGGAAGCCATGGAGACAACAGTGTACAAGAGGACTTCGCGGAAAGCATGCTGCTTTTTT
GCAGATGCTGAAGGTTACTTTGCTGCTTGCAACAGATACAACATGAATAGTTCTTTGAGTGAACCTC
TGATGTGCCTGTGAAATTCCATGATCTTCCAAGTGAAAAACCTGAGAGCACAAACATTGATACTGAAAA
AACCCCCAAAAAGTCTCGTGTGAGGTTCAAGTAATATCATGGAGATTGACAGCTTCCGTCAAGTCATGCA
TTGGAAGCAAAGTTGTCTCGCATGTCATATCCTGTGAAAGAACAAAGATCCATACTGAAAACGTGGGGA
AACTTACTGCAACTCAAGTAGCGAAAAATTAGCTTTTTTTTTTGTCTTGTGGTTTTTGGCAAAATTTGTC
ATATCAAGAAGCACTTTCAGACACACAAGTTGCTATAGTTAATATTTATCTTCAACTCCGGACTTTTT
ACCTTAATCCTTGCTGCAGTATTTCCAAGTAACAGTGGAGATAGATTTACCTTTCTAACTATTAGCTG
TAATTTTAAGCATTGGAGGCGTTGACTGGTAAACCTGGCAGGGTCTGAAAAACCTGCTGGAAGAGACAC
AGTAGGTTCCATTGGTCTCTTGCTGGAGCCATGCTCTATGCTGTCTATATTGTTATGATTAAGAGAAAA
GTAGATAGAGAAGACAAGTTGGATATTCCAATGTTCTTTGGTTTTGTAGGTTTGTAACTGCTGCTCT
TATGGCCAGGTTTCTTTTACTTCATTATACTGGATTTGAGGACTTCGAGTTTCCAATAAAGTAGTATT
AATGTGCATTATCATTAAATGGCCTTATTGGAACAGTACTCTCAGAGTTCTGTGGTTGTGGGGCTGCTTT
CTTACCTCATCATTGATAGGCACACTTGCACTAAGCCTTACAATACCTCTGTCCATAATAGCTGACATGT
GTATGCAAAAGGTGCAGTTTTCTTGTTATTTTTTGCAAGAGCTATCCCTGTATTTTTTTCATTTTTAT
TGTAACCTCTCTATGCCATTATAATAATTGGGATCCTGTGATGGTGGGAATCAGAAGAATATTTGCTTTT
ATATGCAGAAAACATCGAATTCAGAGAGTTCAGAAAGACAGCAACAGTGTGAGAGTCTCATTTCTATGC
ACAGTGTCTCAGGAGGATGGAGCTAGTTAG



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_025181 unedited
 TTATTTTGTACTACGACTCCTTTAGGGCGGCCGACTTCGGCACGAGGCGCGGCCACTA
 GCTGACTGTGCCGTCCCTTCCCCCTACCCGCTCCACGCCCTCCTGGGCCGAGTGGAGTTG
 GGTGGTGTGCGGAGCCTCTCCCTGAGGGGACCCGCTCTTCAGGAGCTGGGCCTCCAGTG
 CGGCGCGATGTACGGCGCGGTGACAGCTCTGTGAGTCCGAGGCCGCGGCCGTGGCGCTGG
 GCGGCTGCGGGGCTGACCGTCCGCTCATGGTGCCGCCACGACGCCATCGCGGGGACAGG
 AAGGCCAGGGGTGCTGAGTTCTTCACCTCCTTTAGACTGAGATCTGCCAAGTTTTCCGG
 CATTGCTCTTGAGGATCTCAGAAGGGCTTTAAGACAAGACTGCAAATGGTGTGTATT
 TGTGATGAACCGAATGAATTCCCAGAACAGTGGTTTCACTCAGCGCAGGCGAATGGCTCT
 TGGGATTGTTATTCTTCTGCTTGTGTGATGTGAATATGGGTTGCTTCTCTGAACCTACTT
 CGTATGTTTTTACCCAGTACAACAAACCATTCTTCAGCACCTTTGAAAAACATCTATGTT
 TGTTTTGTACCTTTTGGCTTTATTATTTGNAAGCCATGGAGACAACAGTGTACAAGAAG
 ACTTCGCGGAAAGCATGCTGCTTTTTTGCAGATGCTGAAGGTTACTTTTGCTGCTTGCA
 CAACAGATACACTATGAAATTAGTCTTTGAGTGAACCTCTGGATGTGGCCTGTGAAAATC
 CATGATCTTTCCAGTGAAAAAACTGAGAACCCAAACATTGATACTGAAAAAACCCCAAA
 AGTCTCGGGGGAGGTTCAATAATATCATGGAAATTCAACAGCTTCCTCAAGTCATGCAT
 TGGAAACAAATTTGCTTTTATTTTCTTGAAAAAAAATCCTATGGAACTGGG
 GAAAACTATGCACCTAAGTAGCAAATTAATTTTTTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_025181 unedited
 NTTCAACCTAGGACCGCGGCCGCAATCTATGATCGAGTTTTTTTTTTTTTTTTTAAAT
 TAAACGAAGCTTTATCAATTAAGTTTACAGCAATATAGCCTTTAGAAAAACATATTTCTT
 CATTTTATAATAACTTCCCTTTAAAAATTTGCCACTGGTTTGTACAGATTTAAAAAT
 ACAAGGCACCTAATGCTATAAAAGAATAATACAGTAAATGATGTAAGTGAACAGATA
 TTTTCTCAAATACTTATTCTTTTTAAAGTCCCATGAAATTTGCACAAACATGCTTGTTC
 ATAAATTAACATTTTTTGTGTGGTTAATTTGCAATATTCTACAAAACCCAAAAATATAA
 TCCACACTTATTACAGGTAGCTTATTTTAGCATTTTACCTGTCAGAAATACTGGTCTATG
 AACACTTAAGTGATTTCTTGAAACATTTTCATAATATATTCCAGCATTTAACATGTGAA
 AATAAAGTCCGAGAACATTAGGATTTATTCCTTGATTAGTTCAAATGATTTCAACAGCTG
 AATTCCTTGAGATGTGTAAGGGCAGTTGGTCTTTGGATGGACTGTAACTGAACTTC
 CTATACTGTAGTGATATGTACACAGCTACATAGCAAAGTGCAGAAGATTGTCTCTTCGC
 TGTATAGTTCCATTATCAAGCTGGGCTACAGACAACAGACAGCTAACTAGCTTCATTCTT
 CTGAGAAACACTGTGCATAGAAATGAGACTCTACACTGTTGCTTGGCTCTGGAACCTCT
 GAATTCGAAGTTTCTTGATATAAAGCAAAATTTCTCTGAATTCACCTCCAGGATCCAA
 TTTTATTAATGCCTTGGGGAAGTTCATTAAGAAAAAATTACGGGGTTGCTTCTGCAA
 AAATAACAAGAACTGGCCTTTTGCTAACATGTGAGTATTTTGAAAAGGGTTTAAGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_025181

Insert Size:

2430 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).

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:	<u>NM_025181.2, NP_079457.2</u>
RefSeq Size:	2875 bp
RefSeq ORF:	1572 bp
Locus ID:	80255
UniProt ID:	<u>Q8WV83</u>
Cytogenetics:	2q14.1
Domains:	DUF6
Protein Families:	Transmembrane
Gene Summary:	Putative solute transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.