

Product datasheet for **SC112735**

SLC35A4 (NM_080670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35A4 (NM_080670) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35A4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112735 sequence for NM_080670 edited (data generated by NextGen Sequencing)

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ATGAGTGTAGAGGATGGGGGTATGCCAGGCCTGGGCCGTCCCAGGCAGGCCCGCTGGACC
CTGATGCTACTCCTATCCACTGCCATGTACGGTGCCCATGCCCCATTGCTGGCACTGTGC
CATGTGGACGGCCGAGTGCCCTTCCGGCCCTCCTCAGCCGTGCTGCTGACTGAGCTGACC
AAGCTACTGTTATGCGCCTTCTCCCTTCTGGTAGGCTGGCAAGCATGGCCCCAGGGGCC
CCACCCTGGCGCCAGGCTGCTCCCTTCGCACTATCAGCCCTGCTCTATGGCGCTAACAA
AACCTGGTGATCTATCTTCAGCGTTACATGGACCCAGCACCTACCAGGTGCTGAGTAAT
CTCAAGATTGGAAGCACAGCTGTGCTCTACTGCCTCTGCCTCCGGCACCGCCTCTCTGTG
CGTCAGGGGTTAGCGCTGCTGCTGATGGCTGCGGGAGCCTGCTATGCAGCAGGGGGC
CTTCAAGTTCCCGGGAACACCCCTCCAGTCCCCCTCCAGCAGTGTGCCAGCCCCATG
CCCTGCATATCACTCCGCTAGGCCTGCTCCTCATTCTGTAAGTGCCTCATCTCAGGC
TTGTCGTCAAGTGTACACAGAGCTGCTCATGAAGCGACAGCGGCTGCCCTGGCACTTCAG
AACCTCTCTCTACTACTTTTGGTGTGCTTCTGAATCTAGGTCTGCATGCTGGCGCGGC
TCTGGCCAGGCCTCCTGGAAGGTTTCTCAGGATGGGAGCACTCGTGGTGTGAGCCAG
GCACTAAATGGACTGCTCATGTCTGCTGTATGAAGCATGGCAGCAGCATCACACGCCTC
TTTGTGGTGTCTGCTGCTGCTGCTCAACGCCGTGCTCTCAGCAGTCTGCTACGGCTG
CAGCTCACAGCCGCTTCTTCTGGCCACATTGCTCATTGGCCTGGCCATGCGCCTGTAC
TATGGCAGCCGCTAG

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Clone variation with respect to NM_080670.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_080670 unedited GTTCAGATTTGTAACGACTCACTATAGGCGGCCGCAATTCGCACGAGGCTGGCTGGCT ATGTGGTGGCCAAACTGAGGGCATCAGCAGTATTGGGCTTTGCTGTGGGCACCTGCACTG GCATCTATGCGGCTCAGGCATATGCTGTGCCAACGTGGAGAAGACATTAAGGGACTATT TGCAGTTGCTACGCAAGGGGCCGACTAGCTCTAGGTGCCATGGAAGAGGCAGGATGAGC AGCTCAGCCTTCAGGTGGAGACACTTTATCTGGATTCCCCAGCTGTCATCCATTTGCTAT CTCCAACCTTTCGCCACCTTCATCCTTGCCCTCCCTTCCCTGCAGATTGTGGACAGTATT CCTCAGCCTGCACCCCTGGATTCTTCTCCCTTCCCTAGCTCCATGGGACTCGCCCCAAG ACTGTGGCTTCAAGGACCACCAGCCCTTACTCTTCAAGCCCTGACTGTGGAGTTGGTAG ATGCTCTGATCCTCAGTATTCTCTCTGGAATGTTCCACGGCTTCTCCTTCTGGGAGC TGGCTCCATAACTTGATTTTCCCANACGTGTTGCAATCCCTGCTGCCCCCTAGCCACCC AGGGTCTGTGTGGGTATGAGTGTAGAGGATGGGGGTATGCCANGCCTGNGCCGTCCTCA NGCAGGCCCGCTGGACCCTGATGCTACTCCTATCCACTGCCATGTACGGTCCCCATGCC CATTGCTGGCACTGTGCCATGTGNACGGNCGAGTGCCTTCCGGCCCTNCTCAGCCGTGC TGCTGACTGAGCTGACCAAGCTACTGTTATGCGCCTTTCTCCCTTCTGTAGGCTGGGCG CATGGCCCCAGGGGCCCCACCCTGGCGCAGGCTGCTCCCTTCGCACTATCAGCCCTGCT CTATGCGCTAACAACTGGTGATCTATCTC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_080670 unedited NNTTTTAGCTATGGACCCGCGCCGCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTTGGC TGTGGTTGTAGGAACCACCCTACAGCCTAGAAGACTTTATTAAGATCTTATTGCTTATGC AGTTAAAGAGACTGATTGAGCTACAGGTTTCTGTACCTGGTCTCAGGTCACCTCTGTG CAGAGCTTCCCCAGGCTGTTGGGAGCTGGGAGACTGCTAGGCAGGGGCAGGCCCCAGAGT GGGAAGCATGGTACCTCCTAGGAGCCTCAGAGTGGGTAGCGGGCTTCAAGACAGCCCTCA GGGTGAACAGAGAGGTCAGGAGTGTGCGCTTAAGCCAGGGCCCAGGGGCTACATTCCTG AGATGAGTCAAGCCAGCCCTCTCTGGGTTTTCCAGAACAAGGCTAGGTGTGGGAGCA GCACTGTGGAGAGGGCAGGGAGCATGTCTCTAGGCATTGCTGGAAGTGGAGGAGACTGTC AGAGTGGTTTTGGTAATGGTTGATAATCTGTGGCAACTGGGCCTTCTTGCATGAAAGTG GAAGGGTGAAGATCCCTTATGGAAGAGTCATGCACCATGGCTGGGCTGGACTAGCCAGCT CCAGTGGCTCTGTGGTGACTAAAGTAGGCAAGGAAAGCCACTTGTGCCACACCCCCA CTTTCATCAACTCTGTTTCATGCAGGACAAAGCAGGGAGCTGCCCAACAAGGATGGGGTTA TTTCTCAGGCCTANGTATTGATGNTACCTTAATCTTTAGTCTGGAAGAAGTGTGGGG NGGGGGATGGTAANCATTTNCTTACCCAACCACACTTCAATCTCCTAGGGGACCCTTC TCCACCACCTNCAAGAAATACCTGGCTGCCTCACTTNTCACTTTTCTACAAGCACTGTC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_080670
Insert Size:	2620 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: [NM_080670.2](#), [NP_542401.1](#)

RefSeq Size: 2676 bp

RefSeq ORF: 975 bp

Locus ID: 113829

UniProt ID: [Q96G79](#)

Cytogenetics: 5q31.3

Domains: Nuc_sug_transp

Protein Families: Transmembrane