

Product datasheet for **SC113861**

SLC35A5 (NM_017945) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35A5 (NM_017945) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35A5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113861 sequence for NM_017945 edited (data generated by NextGen Sequencing)

ATGGAAAAACAGTGCTGTAGTCATCCTGTAATATGCTCCTTGTCACCAATGTATACATTC
CTGCTAGGTGCCATATTCAATGCTTTAAGCTCAAGTCGCATCTTACTAGTGAAGTATTCT
GCCAATGAAGAAAAACAAGTATGATTATCTTCCAACACTGTGAATGTGTGCTCAGAACTG
GTGAAGCTAGTTTTCTGTGTGCTTGTGTCATTCTGTGTTATAAAGAAAGATCATCAAAGT
AGAAATTTGAAATATGCTTCCTGGAAGGAATTCTCTGATTTATGAAGTGGTCCATTCTCT
GCCTTTCTTTATTTCTGGATAACTTGATTGCTTCTATGTCCTGTCCTATCTTCAACCA
GCCATGGCTGTTATCTTCTCAAATTTTAGCATTATAACAACAGCTCTTCTATTCAGGATA
GTGCTGAAGAGGCGTCTAACTGGATCCAGTGGGCTTCCCTCTGACTTTATTTTTGTCT
ATTGTGGCCTTGACTGCCGGGACTAAACTTTACAGCACAACTTGGCAGGACGTGGATTT
CATCAGCATGCCTTTTTTCAGCCCTTCCAATTCTGCTTCTTTTCAGAAGTGAGTGTCCC
AGAAAAGACAATTGTACAGCAAAGGAATGGACTTTTCTGAAGCTAAATGGAACACCACA
GCCAGAGTTTTAGTCACATCCGTCTTGGCATGGGCCATGTTCTTATTATAGTCCAGTGT
TTTATTTCTTCAATGGCTAATATCTATAATGAAAAGATACTGAAGGAAGGGAACCAGCTC
ACTGAAAGCATCTTCATACAGAACAGCAAACCTCTATTTCTTGGCATTCTGTTAATGGG
CTGACTCTGGGCTTCAGAGGAGTAACCGTGATCAGATTAAGAACTGTGGATTTTTTAT
GGCCACAGTGCATTTTCAGTAGCCCTTATTTTTGTAAGTGCATTCCAGGGCCTTTCAGTG
GCTTTCATTCTGAAGTTCCTGGATAACATGTTCCATGTCTTGATGCCCCAGGTTACCACT
GTCAATTATCACAACAGTGTCTGTCTGCTTTGACTTCAGGCCCTCCCTGGAATTTTTTC
TTGGAAGCCCCATCAGTCTTCTCTATATTTATTTATAATGCCAGCAAGCCTCAAGTT
CCGGAATACGCACCTAGGCAAGAAAGGATCCGAGATCTAAGTGGCAATCTTTGGGAGCGT
TCCAGTGGGGATGGAGAAGAACTAGAAAGACTTACCAAACCAAGAGTGATGAGTCAGAT
GAAGATACTTTCTAA

Clone variation with respect to NM_017945.2

768 g=>a



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017945 unedited
TCAAAATTTTGTAAATACGAACTACTATAGGGCGGCCGCAATTCGCACGAGGTGCGCGAT
CCTCGCACCCACAGAGCCCGCGACGGACCGGACCCAGCTGTACCCAGCCGCGAGGGAGG
GCAGCGGGGCCGAAGGGAGACCTGAGGTAATTAACAAACAGTGAATGGAAAAACAGTGC
TGATGTCATCCTGTAATATGCTCCTTGCAACAATGTATACATTCCTGCTAGGTGCCATA
TTCATTGCTTTAAGCTCAAGTCGCATCTTACTAGTGAAGTATTCTGCCAATGAAGAAAAC
AAGTATGATTATCTTCCAACACTGTGAATGTGTGCTCAGAACTGGTGAAGCTAGTTTTTC
TGTGTGCTTGTGTCATTCTGTGTTATAAAGAAAGATCATCAAAGTAGAAATTTGAAATAT
GCTTCCTGGAAGGAATTCTCTGATTTTCATGAAGTGGTCCATTCTGCCTTTCTTTATTTTC
CTGGATAACTTGATTGTCTTCTATGTCCTGTCCTATCTTCAACCAGCCATGGCTGTTATC
TTCTCAAATTTTAGCATTATAACAACAGCTCTTCTATTAGGATAGTGTGAAGAGGCGT
CTAAACTGGATCCAGTGGGCTTCCCTCCTGACTTTATTTTTGTCTATTGTGGCCTTGACT
GCCGGGACTAAACTTTACAGCACAACTTGGCAGGACGTGGATTTTCATCACGATGCCTTT
TTCAGCCCTTCAATTCCTGCCTTCTTTTCAGAAGTGAAGTGTCCAGAAAAGACAATTGT
ACAGCANAGGAATGGACTTTTCTGAAGCTAAATGGAACACCACAGCCAGAGTTTTCAGT
CACATTCGCTTGGCATGGGCCATGNTCTTATTATAGTCCAGNNGTTTATTTCTTCATGG
CTATATCTATATGAAAGATACTGAAGGAGGGAACAGCTCACTGAACATCTCAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017945 unedited
NNNTTTAGCTCTGGACCGCGGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTGG
TTTAATAATTATTTTAATTACAAATTTCCACCAATTTCTTGCCAGTCATATTATTGTGGAT
ATCACAAATGAATTATATAATAGTATATTACCTTATATTCATCTGCATGAACTTAGGAG
AAAGGAGAGCAGAAATGTATAAGTTTCTGAGAATGACACCATAAAGCTCATATTTACAGT
ATGGTAGTCTGTAAACATACAGGCTGCCAGTTAAAGCCCACTTCTATCATCACCCAG
CTGCATGACCCTGAGCAAGTCACCTTTTGTGTTGCTAATTTTAAATATCATCTATCACCTGA
CTTCTCTATCTACGAGAGTTAACTGGCTGCATGCAAAATACCATGAAAAATACCATGCAC
TTTTAAGTGTGAAGTAGCACTGTAAAGTGAATATATATTACTGGTCTTTCTATTTTTAG
AGTATTAATATTCATACATCAGTTAAAGTCAACATGTGTTTGCTAAGTGATCCTTTTGA
AAGGATCCCTTTAAAGTTCTAGGCATCAGCTTCACTGACAATCTGGTATGATTCTGAA
GCCAGCATTTCAACTCTGGAAAGATATACAATAGTCACAGCTTGAATTAGTAACATAA
AATAAAATGCCCTCTTATTCTCCAAAATGGTATAATTCAGGAGTAATGACATCAAGATT
TTTCTCCTCAAACTGAGGAGAAAAAAGCCCACTGGCTTGGTTAAATGACTTAANATA
CAGTGGTAACATAGGTGACTAGGNAACCATGTTTAAACATCANNAAGATATTACAAAAAT
CCATTTCCCATGAATTNCTAANAATAAAATCTGANATGTGNGTCTGAAAACCTGCTNCN

Restriction Sites:

NotI-NotI

ACCN:

NM_017945

Insert Size:

3000 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_017945.2, NP_060415.1</u>
RefSeq Size:	2958 bp
RefSeq ORF:	1275 bp
Locus ID:	55032
UniProt ID:	<u>Q9BS91</u>
Cytogenetics:	3q13.2
Domains:	Nuc_sug_transp
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a transmembrane protein which belongs to subfamily 35A of the solute carrier superfamily. The encoded protein is a nucleoside-sugar transporter. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017] Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1-4 encode the same 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.