

Product datasheet for **SC324189**

SLC49A3 (NM_032219) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC49A3 (NM_032219) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC49A3
Synonyms:	LP2561; MFSD7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032219.2
 GGTCTTAAGCCCGGGCGGCGGGACCGGCGGAGACCCGTGGAGGCCGCCGACGATG
 GCGGGGCGCAGCGAGGCCGAGACGGGGTTGGCCGAGCCCCGGGCCCTGTGCGCGCAGCGG
 GGCCACCGCACCTACGCGCGCCGCTGGGTGTTCTGCTCGCGATCAGCCTGCTCAACTGC
 TCCAACGCCACGCTGTGGCTCAGCTTTGCACCTGTGGCTGACGTCATTGCTGAGGACTTG
 GTCCTGTCCATGGAGCAGATCAACTGGCTGTACTGGTCTACCTCGTGGTATCCACCCCA
 TTTGGCGTGGCGCCATCTGGATCCTGGACTCCGTCGGGCTCCGTGCGGCGACCATCCTG
 GGTGCGTGGCTGAACCTTTGCCGGGAGTGTGCTACGCATGGTGCCCTGCATGGTTGTTGGG
 ACCCAAAACCATTTGCCTTCCTCATGGGTGGCCAGAGCCTCTGTGCCCTTGCCAGAGC
 CTGGTCATCTTCTCTCCAGCCAAGCTGGCTGCCTTGTGGTTCCAGAGCACCAGCGAGCC
 ACGGCCAACATGCTCGCCACCATGTGCAACCTCTGGGCGTCTTGTGGCCAATGTGCTG
 TCCCTGTGCTGGTCAAGAAGGGTGAGGACATTCGTTAATGCTCGGTGTCTATACCATC
 CCTGCTGGCGTGTGCTGCTGTCCACCATCTGCCTGTGGGAGAGTGTGCCCCCACC
 CCGCCCTCTGCCGGGCTGCCAGCTCCACCTCAGAGAAGTTCTGGATGGGCTCAAGCTG
 CTCATGTGGAACAAGGCCTATGTATCCTGGCTGTGTGCTTGGGGGAATGATCGGGATC
 TCTGCCAGCTTCTCAGCCCTCCTGGAGCAGATCCTCTGTGCAAGCGGCCACTCCAGTGGG
 TTTTCCGGCCTCTGTGGCGCTCTTTCATCACGTTTGGGATCCTGGGGGCACTGGCTCTC
 GGCCCTATGTGGACCGGACCAAGCACTTCACTGAGGCCACCAAGATTGGCCTGTGCCTG
 TTCTCTCTGGCCTGCGTGCCTTTGCCCTGGTGTCCCAGCTGCAGGGACAGACCTTGCC
 CTGGGTGCCACCTGCTCGCTGCTCGGGCTGTTTGGCTTCTCGGTGGGCCCCGTGGCCATG
 GAGTTGGCGGTCGAGTGTTCCTTCCCGTGGGGGAGGGGGCTGCCACAGGCATGATCTTT
 GTGCTGGGGCAGGCCGAGGGAATACTCATCATGCTGGCAATGACGGCACTGACTGTGCGA
 CGCTCGGAGCCGTCCTTGTCCACCTGCCAGCAGGGGAGGATCCACTTGACTGGACAGTG
 TCTCTGCTGCTGATGGCCGGCCTGTGCACCTTCTCAGCTGCATCCTGGCGGTCTTCTTC
 CACACCCCATACCGGCGCCTGCAGGCCGAGTCTGGGGAGCCCCCTCACCCGTAACGCC
 GTGGGCGGCGCAGACTCAGGGCCGGGTGTGACCGAGGGGAGCAGGAAGGGCTGGGGTC
 CTGGGGCCAGCAGCGGACTCCGAGTGCACGGCGAGGGGGGCTCGCTAGAGGACCCC
 AGAGGGCCCGGGAGCCCCACCCAGCCTGCCACCGAGCGACTCCCGTGCAGCAAGGCCCA
 GCAGCCACCGACGCGCCTCCCGCCCCGCGAGACTCGCAGGCAGGGTCCAAGCGTCCAGG
 TTTATTGACCCGGCTGGGTCTCACTCCTCCTTCTCCTCCCGTGGGTGATCACGTAGCTG
 AGCGCCTTGTAGTCCAGTTGCCCGCCACATCGATGGAGGCGAACTGGAACATCTGGTCC
 ACCTGCGGGCGGGGCGAAAGGGCTCCTTGCGGGCTCCGGGAGCGAATTACAAGCGCGCA
 CCTGCAA
 AAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_032219

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_032219.2, NP_115595.2</u>
RefSeq Size:	1935 bp
RefSeq ORF:	1680 bp
Locus ID:	84179
UniProt ID:	<u>Q6UXD7</u>
Cytogenetics:	4p16.3
Protein Families:	Transmembrane