

Product datasheet for **SC326932**

SLC41A3 (NM_001164475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC41A3
Synonyms:	SLC41A1-L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326932 representing NM_001164475. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACACTGGCATCCAGACTCTCCACAGCTGCCAACACTGGACAAATTGATGACCCCAGGAGCAGCAC
AGAGTCATCAGCAGCAACCTGGCCCTCATCCAGGTGCAGGCCACTGTCGTGGGGCTCTTGGCTGCTGTG
GCTGCGCTGCTGTTGGGCGTGGTGTCTCGAGAGGAAGTGGATGTCGCCAAGGTGGAGTTGCTGTGTGCC
AGCAGTGTCTCTACTGCCTTCTTGCAGCCTTTGCCCTGGGGGTGCTGATGGTCTGTATAGTGATTGGT
GCTCGAAAGCTCGGGGTCAACCCAGACAACATTGCCACGCCATTGCAGCCAGCCTGGGAGACCTCATC
ACACTGTCCATTCTGGCTTTGGTTAGCAGCTTCTTCTACAGACACAAAGATAGTCGGTATCTGACGCCG
CTGGTCTGCCTCAGCTTTGCGGCTCTGACCCAGTGTGGTCTCATTGCCAAGCAGAGCCACCCATC
GTGAAGATCCTGAAGTTTGGCTGGTTCCTCAATCATCCTGGCCATGGTCATCAGCAGTTTCGGAGGACTC
ATCTTGAGCAAAACCGTTTCTAAACAGCAGTACAAAGGCATGGCGATATTTACCCCGTCATATGTGGT
GTTGGTGGCAATCTGGTGGCCATTCAGACCAGCCGAATCTCAACCTACCTGCACATGTGGAGTGCACCT
GGCGTCTGCCCTCCAGATGAAGAAATTCTGGCCCAACCCGTGTTCTACTTTCTGCACGTGAGAAATC
AATTCATGTCAGCTCGAGTCTGCTCTTGTGGTGGTCCCAGGCCATCTGATTTTCTTCTACATCATC
TACCTGGTGGAGGGTCAGTCAGTCATAAACAGCCAGACCTTTGTGGTGTCTACCTGCTGGCAGGCCTG
ATCCAGGTGACAATCCTGCTGTACCTCGCAGAAAGTGATGGTTCGGCTGACTTGGCACCAGGCCCTGGAT
CCTGACAACCACTGCATCCCTACCTTACAGGGCTGGGGGACCTGCTCGGTACTGGCCTCCTGGCACTC
TGCTTTTCTACTGACTGGCTACTGAAGAGCAAGGCAGAGCTGGGTGGCATCTCAGAACTGGCATCTGGA
CCTCCCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



ACCN:	NM_001164475
Insert Size:	1113 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001164475.1
RefSeq Size:	1970 bp
RefSeq ORF:	1113 bp
Locus ID:	54946
UniProt ID:	Q96GZ6
Cytogenetics:	3q21.2-q21.3
Protein Families:	Transmembrane
MW:	39.8 kDa