

Product datasheet for **SC318967**

SLC22A23 (NM_015482) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC22A23
Synonyms:	C6orf85
Vector:	<u>pCMV6 series</u>



Fully Sequenced ORF:	>NCBI ORF sequence for NM_015482, the custom clone sequence may differ by one or more nucleotides <pre> ATGGCCATAGACCGGCGCGGAGGCGGCGGGCGGGCCTGGGCGGCAGCCGGCCCCG GCCGAGGAGAAACGGCTCCCTGCGCGCCCGGGGACGCGGCGGCTCGGCGCCCTCGGGGGA CGCGCGGGGCCCCGCGCGGCGCGGAGATCCAGCCGCTGCCCCACTGCATCCTGGAGGC GGCCCCGACCCGAGCTGCTGCTCCGCGGCTGCGGCCCCGAGCCTCTTGTGCTGGACTAT GACGGGTGCGTGCTGCCCTTCTCGGGGGCTGGGCGGGGGCTATCAGAAGACCCTCGTG CTGCTCACCTGGATCCCGGCGCTGTTTCATCGGCTTCAGCCAGTTCTCGGACTCGTTCCTC CTGGACCAGCCAACTTCTGGTGCCGCGGGGCCGGAAGGCACCGAGCTGGCAGGGGTC ACCACCACAGGCGGGGCGGGGACATGGGCAACTGGACCAGCTCCCCACCACCCCTTC GCCACTGCCCTTGGGAGGCTGCGGGCAACCGAGCAACAGCAGCGGCGGACGGAGGC GACACACCACCCCTGCCATCCCTCCGGACAAGGGGACAACGCCTCCAACGTGACTGC CGCGCATGGGACTACGGCATCCGCGCGGCTCGTCCAGAACGTGGTCAGCAAGTGGGAT CTTGTGTGTGATAATGCCTGGAAGGTCCATATCGCTAAGTTCTCTTACTGTTGGATTA ATCTTTGGCTACCTAATAACTGGATGCATTGCTGACTGGTGGCGGCGGCGCTGTGCTG CTGTTTTCCATCATCTTATTCTGATCTTTGGACTGACTGTGGCACTGTCAAGTAAATGTG ACAATGTTACGACACTCAGGTTCTTTGAAGGATTTTGCCTGGCTGGAATCATTCTCACC TTGTATGCTTTACGAATAGAGCTGTGCCCCCTGGAAAACGGTTCATGATTACGATGGTG GCGAGCTTCGTGGCCATGGCGGGCCAGTTCCTCATGCTGGCTAGCCGCCCTGTGCCGG GATTGGCAGGTGCTGCAGGCCCTCATCATCTGCCCTTCTGCTCATGCTGCTACTGG TCGATATTTCCCGAGTCCCTCCGGTGGCTAATGGCCACCCAGCAGTTTGAGTCTGCAAAG AGGCTGATCTCCACTTCACACAGAAGAATCGCATGAACCCTGAGGGCGACATCAAGGGT GTGATACAGAGCTGGAGAAAGAGCTTTCCCGAGGCCCAAGAAGTCTGCATCGTGAAG GTGGTGGGGACACGGAACCTGTGGAAGAACATTGTGGTCTGTGTGAACTCGCTGACG GGGTACGGGATCCACCACTGCTTTGCCAGGAGCATGATGGGCCACGAGGTGAAGGTGCCG CTCCTGGAGAACTTCTATGCTGACTACTATACCACGGCCAGCATCGCGCTGGTGCTCTGC CTGGCCATGTGCGTGGTGGTCCGATTCTCGGGCGCAGGGGAGGCTGCTGCTCTTCATG ATCCTCACC GCCCTGGCCTCACTCCTGCAGCTCGGCCTCCTCAACCTGATTGGAAGTAC AGCCAGCACCCAGACTCAGGATGAGTGACAGCGTCAAGGACAAATTTTCCATCGCGTTT TCCATCGTGGGCATGTTTGCCTCCCATGCGGTGGGGAGCCTCAGCGTGTTCTTCTGTGCG GAGATACCCCCACGGTGATAAGGTGTGGCGGGCTGGGGCTGGTGTGGCCAGCGCGGGC TTCGGCATGTGACGGCACCCATCATCGAGCTGCACAACCAGAAAGGCTACTTCTGCAC CACATCATCTTTGCTGCTGCACGCTCATCTGCATCATCTGCATCCTCCTGCTGCCCGAG AGCAGGGACCAAGCTGCCTGAGAATTTCTAACGGGGAGCACTACACGCGCCAGCCG CTGCTGCCGCACAAGAAGGGGGAGCAGCCACTGCTGCTACCAACGCCGAGCTCAAGGAC TACTCGGGCTCCACGATGCCGCGAGCCGGTGACACACTGCCCCGAGGTGCCACGGCC AACGGCATGAAGGCCATG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_015482
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:	<u>NM_015482.1, NP_056297.1</u>
RefSeq Size:	6159 bp
RefSeq ORF:	2061 bp
Locus ID:	63027
UniProt ID:	<u>A1A5C7</u>
Cytogenetics:	6p25.2
Protein Families:	Transmembrane
Gene Summary:	SLC22A23 belongs to a large family of transmembrane proteins that function as uniporters, symporters, and antiporters to transport organic ions across cell membranes (Jacobsson et al., 2007 [PubMed 17714910]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (α). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.