

Product datasheet for **SC327957**

SLC2A13 (NM_052885) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC2A13 (NM_052885) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC2A13
Synonyms:	HMIT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:	>OriGene sequence for NM_052885 edited <pre> ATGTCCCGCAAGGCAAGCGAGAATGTGGAGTACACGCTGCGGAGCCTGAGCAGCCTGATG GGCGAGCGGCGCAGGAAGCAGCCGGAGCCGGACGCGGCGAGCGCGGCCGGGGAGTGCAGC CTCCTGGCTGCCGCCGAATCGAGCACCAGCCTGCAGAGCGCGGGCGCGGGCGCGCGGC GTCGGGGACCTGGAGCGCGCGCGCGCGGCAGTTCCAGCAGGACGAGACCCCGCCTTC GTGTACGTGGTGGCCGTCTTCTCCGCGCTGGGCGGCTTCTGTTTGGCTATGACACCGGG GTGGTGTCAAGGGCCATGCTGCTCAAGCGGCAGCTCAGTCTGGACGCGCTGTGGCAG GAGCTGCTGGTGTCCAGCACGGTGGGGCGGCTGCCGTCTCGGCGCTGGCCGGAGGCGCC CTCAACGCGCTCTTCGGCCGCGCGCTGCCATCCTCTGGCCAGTGCCCTCTTACCCGCC GGCTCCGCGGTGCTGGCTGCGGCCAACAACAAGGAGACTGCTCGCCGCGCGCTGGTC GTGGGACTCGGCATCGGCATTGCTTCTATGACAGTGCCAGTGACATTGCGGAGGTCTCA CCACCAATTTAAGAGGCCGATTAGTCACCATTAATACCCTCTTCATCACAGGAGGGCAG TTCTTTGCAAGTGTGTTGATGGAGCCTTCAGTTATCTCCAGAAGGATGGATGGAGGTAC ATGTTGGGACTTGCAGCAGTTCGGCGGTTATACAGTTTTTTGGCTTTCTTTTTTGCT GAAAGCCCTCGATGGCTTATTCAGAAAGGACAGACTCAGAAGGCCGTAGAATTTTATCT CAGATGCGTGGTAACCAGACCATTGATGAGGAATATGATAGCATCAAAAACAACATTGAA GAGGAGGAAAAAGAGTTGGCTCAGCTGGACCTGTGATCTGCAGAATGCTGAGTTATCCC CCAACCTCGCCGAGCTTTAATTGTGGGTTGTGGCTACAAATGTTCCAGCAGCTCTCAGGC ATTAACACCATCATGTACTACAGTGCAACCATTCTGCAGATGCTGGTGTGAAGATGAT AGACTTGCAATATGGCTGGCTTCAGTTACAGCCTTCACAAATTTTCACTTTGACACTTGTG GGAGTCTGGCTTGTGAGAAGGTGGGCCGAGAAAGCTTACCTTTGGTAGTTTAGCAGGT ACCACCGTAGCACTCATTATTCTTGCCTTGGGATTGTGCTATCAGCCCAAGTTTCCCA CGCATCACTTTTAAGCCAATAGTCCGTCAGTCAAGACGCACTTGCACAAGATACAGT TACTGTAAATGAATGTATGTTGGATCCAGACTGCGGTTTTCTGCTACAAGATGAACAAATCA ACTGTCATTGACTCCTCTGTGTCCAGTTAATAAAGCATCTACAAATGAGGCAGCCTGG GGCAGGTGTGAAAATGAAACCAAGTTCAAAACAGAAGATATATTTGGGCTTACAATTTT TGCCCTACTCCATACTCTGGACTGCACTTCTGGGCCCTATTTTATATCTTGCTCTTTT GCACCTGGAATGGGACCAATGCCTTGGACTGTGAATTCTGAAATATATCCCTTTGGGCA AGAAGTACAGGAAATGCATGTTCTGGAATAAACTGGATTTTCAATGCTCCTGGTTTCA CTAACATTTTACACACAGCAGAGTATCTTACATACTATGGAGCTTTCTCCTCTATGCT GGATTTGCTGCTGTGGGACTCCTTTTCATCTATGGCTGTCTTCTGAGACCAAAGGCAAA AAATTAGAGGAAATTGAATCACTCTTTGACAACAGGCTATGTACATGTGGCACTTCAGAT TCTGATGAAGGGAGATATATTGAATATATTCGGGTAAAGGGAAGTAACTATCATCTTTCT GACAATGATGCTTCTGATGTGGAATAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_052885
Insert Size:	7018 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.
RefSeq:	<u>NM_052885.3, NP_443117.3</u>
RefSeq Size:	7018 bp
RefSeq ORF:	1947 bp
Locus ID:	114134
UniProt ID:	<u>Q96QE2</u>
Cytogenetics:	12q12
Domains:	sugar_tr
Protein Families:	Transmembrane
Gene Summary:	H(+)-myo-inositol cotransporter (PubMed:11500374). Can also transport related stereoisomers (PubMed:11500374).[UniProtKB/Swiss-Prot Function]