

Product datasheet for **SC123860**

SLC22A24 (NM_173586) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC22A24
Synonyms:	NET46
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >OriGene sequence for NM_173586 edited
GCAATTCACATTTGGATTTTCTAATATCCCATTCTGAGAAGAATGGCAGACTATTGAACA
GGTGTATTTTAGGTCACGTGGGACTGCATCCACCTGAAAAACACCGTTGACTTATCAG
GAAACTCAGAGATCAGGATCTTTCACAGAGTAGTCTTTAAGAAGATTCAAGTTGCAACA
GCTAGCAGTCTCTTGCCAAATAATTATATCTGTGACTTCTGAAACTATTTGGCTGCCTA
AAGTTAAAGGACTTGGGAAAGTCCTTCCACTGCTCTTCTGCAGTAGTGTACACCACTC
AGTGCAGGGCCACCAAGAAGAAAGCAGTGTGAGGATCCACATGGCACTATGGTAACTTT
GTGAAAGGGGACATTTTCTCCCTCTGAACTTCTTTCATAAAGTCAATTGTGCTTCTCTT
GGGGATCACCTGTTCACTCTCAATGGGCTTTGATGTGCTCCTGGATCAAGTGGGTGGCAT
GGGGAGATTCCAGATTTGTCTGATAGCTTTCTTTTGCATCACCAACATCCTACTGTTCCC
TAATATTGTGTTGGAGAACTTCACTGCATTACCCCTAGTCATCGCTGCTGGGTCCCCCT
CCTGGACAATGACAGTGTGTCTGACAATGATACCGGGACCCCTCAGCAAGGATGACCTCCT
GAGAATCTCCATCCCACTGGACTCAAACCTGAGGCCACAGAAGTGTGAGCGCTTTATCCA
TCCCCAGTGGCAGTCTTTCACCTGAACGGGACCTTCCCCAACACAAATGAGCCAGACAC
GGAGCCCTGTGTGGATGGCTGGGTGTACGACAGAAGCTTTTCTCTCCACCATCGTGAC
TGAGTGGGACCTGGTATGTGAATCTCAGTCACTAAAAATCAATGGTTCAATCCCTATTAT
GGCTGGGTCACTGCTGGGAGGTCTAATATATGGCCATCTTTCAGACAGGGTTGGACGGAA
GATCATATGCAAATTGTGTTTCTCCAGCTGGCCATCTCTAACACCTGTGCGGCTTCGC
TCCCACCTTCTTGTGTTACTGCATACTGCGCTTCTTGGCAGGGTTCTCCACCATGACTAT
TTTGGGAAACACTTTTATTCTCAGCTTAGAGTGGACATTGCCCGGTACGATCTATGAC
AATAATGGTGCTATTATGTTCTACAGTGTGGGCAGATGCTCCTAGGAGGGCTGGCTTT
TGCCATTCAAGGACTGGCACATATTGCAACTGACTGTGTCTACACCCATAATTGCTCTCT
CTTGTCTCTTGGTATGAACAATCTCCACATTCTTGCCTGTAAGCGAGGCTATGGTAGA
CATAGAAAGGAAAAATTGTGACACCTGGGATCTGTTGCGTCTCTGGCCTAGTCTGAGCCA
TGATGTCCATAGTACCTATTGTGTACCTGAGAAGCAAACAATGGAATAGGATGACACTA
TATGTGGGGAGGCTGGCACTTTGCATTCTATTATTTAGACATGGAATTATCATGAAATTA
TTTTTCTTAATAGAAAAATACCCACTTATTTTGAAGCAAATGTATTATTTATCTAACT
TTTGGAAATATTATGTGATGGAGATAATTTGGGGGCTTTTGTCAATTGTAAGTGAATTGAA
TATAAGGAAAAACAAATAAATTTATCTACATAACTATTTAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_173586 unedited
GNNCGGCCGCGNAATTCGGGATGCAATTCACATTTGGATTTTCTAATATCCCATTCTG
AGAAGAATGGCAGACTATTGAACAGGTGATTTTAGGTCACGTGGGACTGCATCCNACC
TGAAAAACACCGTTGACTTATCAGGAACTCAGAGATCAGGATCTTTCACAGAGTAGTC
TTTTAAGAAGATTCAAGTGTCAACAGCTAGCAGTCTTTTGCCAAATAATTATATCTGTG
ACTTCTGAAACTATTTGGCTGCCTAAAGTTAAAGGACTTGGGAAAGTCCTTCCACTGCT
CTTCTGCACTAGTGTACACCACTCAGTGCAGGGCCCAAGAAGAAAGCAGTGTGAGG
ATCCACATGGCACTATGGTAACTTTGTGAAAGGGGACATTTTCTCCCTCTGAATTTCTCT
TCATAAAGTCATTGTGCTTCTCTTGGGATCACCTGTTCACTCTCAATGGGCTTTGATG
TGCTCCTGGATCAAGTGGGTGGCATGGGAGATTCCAGATTTGTCTGATAGCTTTCTTT
GCATCACCAACATCCTACTGTTCCCTAATATTGTGTTGGAGAACTTCACTGCATTACCCC
CTAGTCATCGCTGCTGGGTCCCCCTCCTGGACAATGACAGTGTGTCTGACAATGATACCG
GGACCCTCAGCAAGGATGACCTCCTGAGAATCTCCATCCCACTGGACTCAAACCCTGAGC
CACAGAAGTGTGAGCGCTTTATCCATCCCCAGTGGCAGCTCCTTACCTGAACGGGACCT
TNCCCCACAAATGAGCCAGACACNGAGCCCTGTGTGGATGGCTGGGTGTACGACAGAA
GCTCTTTCTCTCCACATCGTCACTGAGTGGGACCTGGTATTGAAA

Restriction Sites: Please inquire

ACCN: NM_173586

Insert Size: 1650 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_173586.1, NP_775857.1</u>
RefSeq Size:	1717 bp
RefSeq ORF:	969 bp
Locus ID:	283238
UniProt ID:	<u>Q8N4F4</u>
Cytogenetics:	11q12.3
Gene Summary:	SLC22A24 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 (2) lacks several exons and its 3' terminal exon extends past a splice site that is used in variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.