

Product datasheet for **SC308239**

SLC24A5 (NM_205850) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC24A5 (NM_205850) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC24A5
Synonyms:	JSX; NCKX5; OCA6; SHEP4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_205850 edited
 TGCACGCTGCAGTAAGAGCACAGCAGAAATGCAGACAAAAGGGGGCCAAACATGGGCGAG
 AAGGGCTCTGTTGCTCGGCATCCTGTGGGCCACTGCACATCTGCCTCTCTCAGGGACCTC
 CCTGCCCAACGTCTCCCAAGGGCCACAGGAAATAGCACCCAATGTGTTATTTCTCCATC
 ATCGGAGTTTCCGAAGGGTTTTTCACGAGACAGGAGCGCAGAGATGGAGGCATCATAAT
 CTATTTCTAATTATCGTTTACATGTTTCATGGCCATATCTATTGTCTGTGATGAATACTT
 CCTACCCTCCCTGGAAATCATCAGTGAATCCCTTGGATTGTCTCAGGATGTTGCAGGCAC
 AACTTTTCATGGCAGCGGGCAGTTTTCAGCTCCTGAATTAGTTACTGCTTTTCTAGGTGATT
 TATCACAAAGGGAGATATTGGCATTAGCACCATCCTTGGATCTGCAATTTATAATCTCCT
 TGGCATCTGTGCTGCCTGTGGTTTGCTATCTAATACGGTCTCAACACTATCATGTTGGCC
 CCTATTACAGAGACTGTGCAGCGTACACAATTAGTGCAGCAGCAGTTCTTGGTATAATATA
 TGACAACCAAGTTTACTGGTATGAAGGGGCTTTACTGCTTTTGATATATGGATTGTATGT
 TTTGGTGTGTGTTTTGACATTAATAAATTAACCAATATATTATAAAGAAATGCAGTCTTG
 CTGCGCCTGTCTTGCCAAAGCTATGGAGAGAAGTGAACAACAGCCACTGATGGGCTGGGA
 AGATGAAGGTCAACCATTATTCGTTCGGCAATCAAGAAGTATAGTGGAAATTTTATGA
 AGATTCTGGCTACTCTCAGCTCTCTATAAGTTTACATGGCCTTAGTCAGGTTTCTGAAGA
 TCCACCAAGTGTTTTCAACATGCCTGAAGCAGACTTAAAAAGAATTTTTTGGGTATTATC
 CCTTCCTATTATTACACTTTTTTCTAACCACACCAGATTGTAGAAAAAAGTTTTGGAA
 AAATACTTTGTGATAACCTTTTTTCATGCTGCAATATGGATATCCGCATTTACATATAT
 CCTGGTTTGGATGGTACAATAACTGGGAAACACTAGAAATCCCGATACAGTAATGGG
 CCTTACTTTATTAGCAGCAGGAACAAGCATACCAGACACAATTGCAAGTGTGTTGGTTGC
 AAGAAAAGGAAAGGAGATATGGCTATGTCTAACATCGTGGGATCCAATGTGTTTGATAT
 GTTGTGCTTGGTATTCATGGTTTATTAATAAAGTGCATTTATAAATGGATCAGCTCCTGC
 AGAAGTAAACAGCAGAGGACTAACTTACATAACCATCTCTCAACATTTCAATTTT
 TCTTTTTTAGCAGTTCCTTCAATGGCTGAAACTAGACAGAAAAGTTGGGAATAGTCTG
 CCTATTATCATACTTGGGGCTTGTACATTATCAGTTCTATATGAACTTGGAAATTATTGG
 AAATAATAAAAATAAGGGGCTGTGGAGGTTGATATTATAATAGTGTATGCAGAAAATAT
 GAATGGCAGGG

Restriction Sites: Please inquire

ACCN: NM_205850

Insert Size: 1600 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: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_205850.2.

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:	<ol style="list-style-type: none">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:	NM_205850.2 , NP_995322.1
RefSeq Size:	1617 bp
RefSeq ORF:	1503 bp
Locus ID:	283652
UniProt ID:	Q71RS6
Cytogenetics:	15q21.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene is a member of the potassium-dependent sodium/calcium exchanger family and encodes an intracellular membrane protein with 2 large hydrophilic loops and 2 sets of multiple transmembrane-spanning segments. Sequence variation in this gene has been associated with differences in skin pigmentation. [provided by RefSeq, Jul 2008]