

Product datasheet for **SC325094**

SLC10A3 (NM_001142391) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC10A3 (NM_001142391) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC10A3
Synonyms:	DXS253E; P3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001142391, the custom clone sequence may differ by one or more nucleotides <pre> ATGGTGTTAATGCAGGACAAGGGCAGCTCTCAGCAGTGGCCTGGTCTGGGGGGCGAGGGT GGTGGCACAGGTCCCTTAAGCATGCTCAGAGCTGCCCTGCTGCTCATCAGCCTGCCATGG GGGGCCCAAGGGACAGCCAGCACCAGCCTCAGCACTGCTGGGGGTACACCGTGCCACCG ACTGGGGGCCGCTACTTGAGCATTGGAGATGGCTCTGTGATGGAGTTTGAGTTTCCTGAG GACAGTGAGGGCATCATCGTGATCTCCAGCCAGTACCCAGGCCAGGCCAACAGGACGGCG CCTGGCCCCATGCTCAGGGTCACCTCCCTGGACACAGAGGTGCTGACCATCAAGAACCTC GTGGACGCCCATGAGGCCCCGCCACACTGATTGAGGAGCGGAGAGACTTCTGCATCAAG GTCTCACCTGCTGAAGACACGCCTGCCACCCTCAGCGCCGACCTGGCCCACTTCTCGGAA AACCCAATCCTCTACCTGCTCCTGCCTCTATCTTTGTCAACAAGTGTTGTTTGGGTGC AAAGTGGAACTCGAGGTTCTGAAGGGGCTCATGCAGAGCCCCAGCCCATGCTGCTGGGC CTCCTGGGCCAGTTTCTGGTCATGCCCTGTACGCTTTCCTCATGGCCAAGGTCTTCATG CTGCCCAAGGCCCTGGCTCTGGGCCTCATCATCCTGCTCGTCGCTGGCGCGGGGGG AGCTACCTCTTCAGCCTCCTTCTTGAGGGGACGTACCCTGGCCATCTCCATGACTTTC CTCTCTACGGTGGCTGCCACTGGCTTCTTGCTCTGTCTTCGGCCATCTACAGCCGCCTG CTCAGCATCCATGAGACGCTCCACGTGCCCATCTCCAAGATCCTGGGGACCCTGCTGTTT ATTGCCATCCCCATAGCCGTGGCGTGCTGATCAAGTCCAAGCTCCCCAAGTTCTCCAG CTGCTGCTGCAGTCTGTAAGCCCTTCAGCTTTGTGCTCCTCCTGGGCGGCCTCTTCCTG GCCTATCGCATGGGGGTCTTCATCCTGGCAGGCATCCGGCTACCCATCGTACTGGTGGGT ATCACGGTGCCCTGGTTGGCCTGTTGGTGGGCTACTGCCTAGCCACGTGTCTGAAGCTG CCAGTGGCCAGCGCGGACGGTCAGCATTGAGGTAGGGGTGAGAACAGCCTGCTGGCC TTGGCCATGCTGCAGCTATCCCTCCGCCGCTTCAAGCTGACTATGCCTCCCAGGCCCCC TTCATTGTGGCGCTGAGCGGCACCTCCGAGATGCTGGCCTTGGTCATTGGCCACTTCATC TACAGCAGCCTGTTCCAGTTCCC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001142391


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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_001142391.1, NP_001135863.1</u>
RefSeq Size:	1839 bp
RefSeq ORF:	1347 bp
Locus ID:	8273
UniProt ID:	<u>P09131</u>
Cytogenetics:	Xq28
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene maps to a GC-rich region of the X chromosome and was identified by its proximity to a CpG island. It is thought to be a housekeeping gene. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Dec 2008] Transcript Variant: This variant (2) differs in the 5' UTR and is alternatively spliced in the 5' coding region compared to variant 1. The resulting isoform (2) is shorter missing an in-frame protein segment of 29 amino acids compared to isoform 1.