

Product datasheet for **MC227870**

Slc10a3 (NM_001256104) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc10a3
Synonyms:	DXHXS253E; DXS253Eh; DXSmhG28; P3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC227870 representing NM_001256104
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGTGGTCAAGAAAAGCAGAGGTAGCTCCAGCAGTTGCCTGGCCTGGGAGGACAGGGTGGTTGTACAG
GTTTTGTAGGCATGCTTGGAAGTGCCTGCTGTTTCATCAGCCTACCATGGGGAGCTCAAGTATGGCCAG
TGCCAACATCAGCACTGCTCTGGGCCACACAAGTGGTCACTATTTGAGTATTGGGGATGGCTCAGTGACA
GAATTTGATTTCCCTGAGAAGAGTGAGGGTATCATTGTGATCTCTAGCCAATACACTGGACAGACCAATG
GGACAGGGCCCAGCCCCATACTTAAGGTTATATCCCTGGACACAGAGGTGCTGACCATTAAAGATGTGAG
TGCCATAACCTGGAGCAGTGGAGGTGGCTTTGTGGTAGGCATCCACTCAGGTCTAGCTGGGCTGGCCCCA
CTCCACCTCCAGCTCATGGATTTCTATGAGGCCCCACCCCTGCTGATCGAAGAACGGAGAGATTTCTGCA
TCAGGGTGTACCTGCTGAAGACCTCCCTTCTGCTCTCAACACCAACTGGGCCACTTCTCAGAGAAACC
AATACTCTACTTGTCTTCTGCCTTTATCTTTGTCAACAAGTGTTCATTTGGTTGCAAAGTGGAACTTGAA
GTTTTGAAGGAGCTCTACAGAGCCCCAACCCATGCTGTTGGGCCTCTTGGGCCAGTTTCTGGTCATGC
CTTTCTATGCTTCTGATGGCCAAAGTCTTCATGCTACCCAAGGCCTTAGCTCTGGGCCTCATATTAC
CTGCTCATCACCTGGTGGTGGAGGGAGCTACCTTTCAGTCTCCTCCTTGGAGGAGATGTCACCCCTGGCC
ATCTCCATGACTTTCATCTCAACAGTAGCTGCCACTGGTTTCTACCCTCTCATCAGCCATCTACAGCT
ACCTTCTCAGCATCCATGAAACACTCCACGTGCCCATCTCCAAGATATTGGGGACCCTGCTGTTTATCGC
CATCCCCATAGCAGCGGGTGTGGTATCAAACTAAGCTCCCCAAGTTCTCTGAACTACTGTTACAGGTC
ATCAAGCCCTTTCAGCTTATACTTCTCCTGGTGGCCTGTTCTGGCCTACCACATGGGGTCTTTCATCC
TAGTGGGAGTCAGGTTACCCATTGTACTGGTGGGTTTACAGTGCCTCTTGTGGCCTTTGGTGGGCTA
CAGCCTGGCCATCTGCCTGAAGCTGCCAGTGGCTCAGCGACGAACAGTCAAGATTGAGGTAGGGGTGCAA
AACAGCCTGCTAGCCTTAGCCATGCTACAGCTGTCTCTGCGCCGCCTTCAAGCAGACTATGCCTCTCAGG
CCCCTTTCATTGTGGCACTGAGTGGTACCTCCGAGATGTTGGCTTTGGTTATTGGCCAGTTCATCTATAG
CATCTTGTTTCTGTTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001256104

Insert Size: 1422 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001256104.1, NP_001243033.1</u>
RefSeq Size:	1959 bp
RefSeq ORF:	1422 bp
Locus ID:	214601
UniProt ID:	<u>P21129</u>
Cytogenetics:	X 38.0 cM
Gene Summary:	<p>The ubiquitous expression and the conservation of the sequence in distant animal species suggest that the gene codes for a protein with housekeeping functions.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.</p>