

Product datasheet for **RC227936**

SLC10A3 (NM_001142391) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC10A3 (NM_001142391) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC10A3
Synonyms:	DXS253E; P3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC227936 representing NM_001142391
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTGTTAATGCAGGACAAGGGCAGCTCTCAGCAGTGGCCTGGTCTGGGGGCGAGGGTGGTGGCACAG
 GTCCCTTAAGCATGCTCAGAGCTGCCCTGCTGCTCATCAGCCTGCCATGGGGGGCCCAAGGGACAGCCAG
 CACCAGCCTCAGCACTGCTGGGGGTACACCGTGCCACCGACTGGGGGCCGCTACTTGAGCATTGGAGAT
 GGCTCTGTGATGGAGTTTGAGTTTCCTGAGGACAGTGAAGGCATCATCGTATCTCCAGCCAGTACCCAG
 GCCAGGCCAACAGGACGGCGCCTGGCCCCATGCTCAGGGTCACCTCCCTGGACACAGAGGTGCTGACCAT
 CAAGAACCTCGTGGACGCCCATGAGGCCCCGCCACACTGATTGAGGAGCGGAGAGACTTCTGCATCAAG
 GTCTCACCTGCTGAAGACAGCCTGCCACCCTCAGCGCCGACCTGGCCCACTTCTCGGAAAACCAATCC
 TCTACCTGCTCCTGCCTTTATCTTTGTCAACAAGTGTCGTTGGGTGCAAAGTGAAGTTCGAGGTTCT
 GAAGGGGCTCATGAGAGCCCCAGCCATGCTGCTGGGCTCCTGGGCCAGTTTCTGGTCATGCCCTTG
 TACGCTTTCTCATGGCCAAGGCTTTCATGCTGCCCAAGGCCCTGGCTCTGGGCCTCATCATCACCTGCT
 CGTCGCCTGGCGCGGGGGGAGCTACCTCTTACGCCTCCTTCTTGAGGGGACGTACCCCTGGCCATCTC
 CATGACTTTCTCTCTACGGTGGCTGCCACTGGCTTCTTGCCCTGTCTTCGGCCATCTACAGCCGCTG
 CTCAGCATCCATGAGACGCTCCACGTGCCCATCTCCAAGATCCTGGGACCCTGCTGTTCAATGCCATCC
 CCATAGCCGTGGGCGTGTGATCAAGTCCAAGTCCCCAAGTTCTCCAGCTGCTGCTGCAGGTGCTCAA
 GCCCTTACAGCTTTGTGCTCCTCCTGGGCGGCTCTTCTGGCCTATCGCATGGGGGTCTTCATCCTGGCA
 GGCATCCGGCTACCATCGTACTGGTGGGTATCACGGTGGCCCTGGTTGGCCTGTTGGTGGGCTACTGCC
 TAGCCACGTGTCTGAAGCTGCCAGTGGCCAGCGCGGACGGTCAGCATTGAGGTAGGGGTGCAGAACAG
 CTTGCTGGCCTTGGCCATGCTGCAGTATCCCTCCGCCGCTTCAAGCTGACTATGCCTCCAGGCCCCC
 TTCATTGTGGCGCTGAGCGGCACCTCCGAGATGCTGGCCTTGGTCATTGGCCACTTCATCTACAGCAGCC
 TGTTCCAGTTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

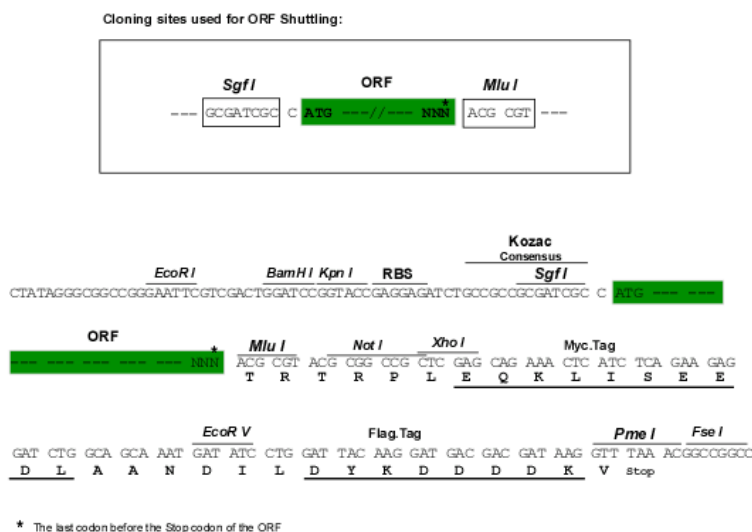
>RC227936 representing NM_001142391
 Red=Cloning site Green=Tags(s)

MVLMQDKGSSQWPGLGGEGGGTGPLSMLRAALLLISLPWGAQGTASTSLSTAGGHTVPPTGGRYLSIGD
 GSVMEFEFPEDSEGIIVISSQYPQANRTAPGPMLRVTSLDTEVLTIKNLVDAHEAPPTLIEERRDFCIK
 VSPAEDTPATLSADLAHFSNPILYLLPLIFVNKCSFGCKVELEVLLKGLMQSPQPMLLGLLQFLVMPL
 YAFLMAKVFMPLKALALGLIITCSPGGGGSYLSLLLGGDVTLAISMTFLSTVAATGFLPLSSAIYSRL
 LSIHETLHVPIISKILGTLFFIAIPIAVGVLIKSKLPKFSQLLLQVVKPFSFVLLLGGLFLAYRMGVFILA
 GIRLPIVLVGITVPLVGLLVGYCLATCLLPVAQRRTVSIEVGVQNSLLALAMLQLSLRRLQADYASQAP
 FIVALSGTSEMLALVIGHFIYSSLPFVP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001142391

ORF Size: 1344 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001142391.3](#)

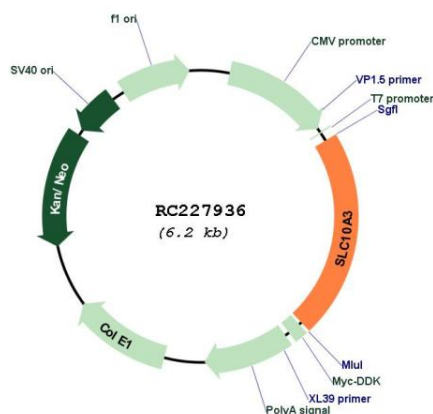
RefSeq ORF: 1347 bp

Locus ID: 8273

UniProt ID: [P09131](#)

Cytogenetics:	Xq28
Protein Families:	Druggable Genome, Transmembrane
MW:	47.4 kDa
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]

Product images:



Circular map for RC227936