

Product datasheet for **RC233018**

SLC44A3 (NM_001258342) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC44A3 (NM_001258342) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC44A3
Synonyms:	CTL3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC233018 representing NM_001258342
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCACTGCCTGGGCGCCGAGTACCTGGTGTATCATGGGCTACTCGGTGGTGGCTGGAGCCGCGGAA
 GACTCCTCTTTGGCTATGACAGCTTTGGCAACATGTGTGGCAAGAAGAATCCCCGTGGAAGGGGCC
 TCTTTCAGGGCAGGACATGACCCATAAAAAACACGTGTTCTTTATGAATCCTGCAACCTGGAAGTCAAA
 GGTACGCAGTCAACCGCATGGCCCTCTGTGTATCCAACCTGCCCTGAAGAGCAGCTTGACTCCCTGGAAG
 AGGTCCAGTCTTTGCAAAACACAGTGGTCTTCTGTGTGTTATAGTTTGAATTCCTCAACTATAC
 CCACAGTCAAAAAGCAGACTCACTGTGTCCAGGCTACCAGTTCCTCAAGCAAGTCATTTCCCTTATTT
 AACCGATGTGCCCTCAAACACCTGAGTGTACTCCCTATTTGCATCTGTTTTGATAATGATGTTGACA
 CCCTCCACCGAATCTAAGTGAATCATGTCCGGAAGAGATACAATCCTTGGCCTGTGTATCCTCGCATT
 AGCCTTGTCTTTGGCCATGATGTTTACCTCAGATTCATCACCACCTTCTGGTTCACATTTTCATTCA
 TTGGTTATTTGGGATTGTTGTTTGTCTGCGGTGTTTTATGGTGGCTGTATTGACTATACCAACGACC
 TCAGCATAGAATTGGACACAGAAAGGAAAATATGAAGTGCCTGCTGGGTTTGCTATCCACAGG
 CATCACGGCAGTGTCTCGTCTTGATTTTTGTTCTCAGAAAGAGAATAAAATTGACAGTTGAGCTTTTC
 CAAATCACAAATAAAGCCATCAGCAGTGTCCCTTCTGTCTGTTCCAGCCACTGTGGACATTTGCCATCC
 TCATTTTCTTCTGGTCTCTGGGTGGCTGTGTGCTGAGCCTGGGAAGTGCAGGAGCTGCCAGGTTAT
 GGAAGGCGCCAAGTGAATATAAGCCCCTTTCGGGCATTCGGTACATGTGGTGTACCATTTAATTGGC
 CTCATCTGGACTAGTGAATTCATCCTTGGTGCAGCAATGACTATAGCTGGGGCAGTGGTACTTGT
 ATTTCAACAGAAGTAAAAATGATCCTCTGATCATCCCATCCTTCTGCTCTCTCCATTCTCTTCTTA
 CCATCAAGGAACCGTTGTAAAGGGTCATTTTTAATCTCTGTGGTGGAGATTCCGAGAATCATTGTCATG
 TACATGCAAAAACGCACTGAAAGAACAGCAGCATGGTGCATTGTCCAGGTACCTGTTCCGATGCTGCTACT
 GCTGTTTCTGGTGTCTTGACAAATACCTGCTCCATCTCAACCAGAATGCATATACTACAAGTCTATTAA
 TGGGACAGATTTCTGTACATCAGCAAAAGATGCATTCAAATCTGTCCAAGAACTCAAGTCACTTTACA
 TCTATTAAGTCTTTGGAGACTTATAATTTTTCTAGGAAAGGTGTTAGTGGTGTGTTTCACTGTTTTTG
 GAGGACTCATGGCTTTAACTACAATCGGGCATTCCAGGTGTGGGAGTCCCTCTGTTATTGGTAGCTTT
 TTTTGCCTACTTAGTAGCCATAGTTTTTATCTGTGTTGAAACTGTGCTGGATGCACTTTTCTGTGT
 TTTGCTGTGATCTGAAACAAATGATGGATCGTCAGAAAAGCCCTACTTTATGGATCAAGAAATTTCTGA
 GTTTCGTA AAAAGGAGCAACAAATTAACAATGCAAGGGCACAGCAGGACAAGCACTCATTAAAGGAATGA
 GGAGGGAACAGAACTCCAGGCCATTGTGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC233018 representing NM_001258342
 Red=Cloning site Green=Tags(s)

MHCLGAEYLVFIMGYSVVAGAAGRLLFGYDSFGNMGKKNPVEGAPLSGQDMLKKHVFFMNSCNLEVK
 GTQLNRMALCVSNCPPEQLDSL EEVQFFANTSGSFLCVYSLNSFNTHSPKADSLCPRLPVPPSKSFPLF
 NRCVPQTPECYSLFFASVLINDVDTLHRILSGIMSGRDTILGLCILALALSLAMMFTFRFITLLVHIFIS
 LVILGLLFCVGLWVLYDYTNDLSIELDTERENMKCVLGFIVSTGITAVLLVIFVLRKRIKLTVELF
 QITNKAISSAPFLLFQPLWTFAILIFFWVWVAVLLSLGTAGAAQVMEGGQVEYKPLSGIRYMWSYHLIG
 LIWTSEFILACQMTIAGAVVTCYFNRSKNDPPDHPILSSLILFFYHQGTVVKGSFLISVVRIPRIIVM
 YMQNALKEQHGALSRYLFRCCYCFWCLDKYLLHLNQNAYTTTAINGTDFCTSAKDAFKILSKNSSHFT
 SINCFGDFIIFLGKVLVVCFTVFGGLMAFNYNRAQVWAVPLLLVAFFAYLVAHSFLSVFETVLDALFLC
 FAVDLETNDSSEKPYFMDQEFLSFVKRSNKLNNARAQQDKHSLRNEEGTELQAIVR

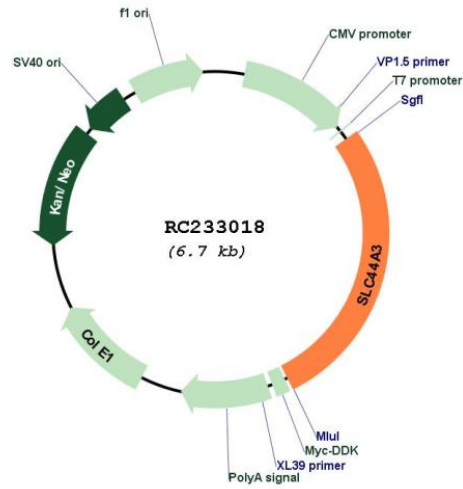
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001258342

ORF Size: 1851 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:	<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_001258342.2
RefSeq Size:	2289 bp
RefSeq ORF:	1854 bp
Locus ID:	126969
UniProt ID:	Q8N4M1
Cytogenetics:	1p21.3
Protein Families:	Transmembrane
MW:	69.9 kDa