

Product datasheet for **RC238942**

SLC44A3 (NM_001301079) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC44A3 (NM_001301079) 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



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ORF Nucleotide Sequence:

>RC238942 representing NM_001301079
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCTACTCGTGGTGGCTGGAGCCGCGGGAAGACTCCTCTTTGGCTATGACAGCTTTGGCAACATGT
 GTGGCAAGAAGAACTCCCCGTGGAAGGGGCCCTCTTTTCAGGGCAGGACATGACCTAAAAAACACGT
 GTTCTTTATGAATTCCTGCAACCTGGAAGTCAAAGGGTCTTCTGTGTGTTTATAGTTTGAATTCCTTC
 AACTATACCCACAGTCCAAAAGCAGACTCACTGTGCCAGGCTACCAGTTCTCCAAGCAAGTCATTTTC
 CCTATTTAACCGATGTGTCCCTCAAACACCTGAGTGCTACTCCCTATTTGCATCTGTTTGATAAATGA
 TGTTGACACCCTCCACCGAATCTAAGTGAATCATGTCGGAAGAGATAACAATCCTTGGCCTGTGTATC
 CTCGATTAGCCTTGCTTTGGCCATGATGTTTACCTTCAGATTCATCACCACCCTTCTGGTTCACATTT
 TCATTTCAATGGTATTTTGGGATTGTTGTTTGTCTGCGGTGTTTTATGGTGGCTGTATTATGACTATAC
 CAACGACCTCAGCATAGAATTGGACACAGAAAGGGAAAAATGAAGTGCCTGCTGGGTTTGTCTATCGTA
 TCACAGGCATCACGGCAGTGTCTCGTCTTGATTTTTGTTCTCAGAAAAGAGAATAAAATTTGACAGTTG
 AGCTTTTCCAAATCACAATAAAGCCATCAGCAGTGTCCCTTCTGCTGTTCCAGCCACTGTGGACATT
 TGCCATCCTCATTTTTCTTCTGGGTCTCTGGTGGCTGTGCTGCTGAGCCTGGGAAGTGCAGGAGCTGCC
 CAGGTTATGGAAGGCGCCAAGTGAATATAAGCCCTTTTCGGGCATTCCGTACATGTGGTCTGACATT
 TAATTGGCCTCATCTGGACTAGTGAATTCATCCTTGCCTGCCAGCAAATGACTATAGCTGGGGCAGTGGT
 TACTTGTATTTCAACAGAAGTAAAAATGATCCTCCTGATCATCCCATCCTTTCTGCTCTCTCCATTCTC
 TTCTTACCATCAAGGAACCGTTGTGAAAGGGTCATTTTTAATCTCTGTGGTGAAGTATCCGAGAATCA
 TTGCTACTGTACATGCAAAACGCCTGAAAGAACAGCAGCATGGTGCATTGTCCAGTACCTCCGGAATCA
 CTGCTACTGCTGTTTCTGGTGTCTTGACAAATACCTGCTCCATCTCAACCAGAATGCATATACTACAAC
 GCTATTAATGGGACAGATTTCTGTACATCAGCAAAAGATGCATTCAAAATCTTGTCCAAGAACTCAAGT
 ACTTTACATCTATTAAGTCTTTGGAGACTTCATAATTTTTCTAGGAAAGGTGTTAGTGGTGTGTTTAC
 TGTTTTTGGAGGACTCATGGCTTTTAACTACAATCGGGCATTCCAGGTGTGGCAGTCCCTCTGTTATTG
 GTAGCTTTTTTGCCTACTTAGTAGCCCATAGTTTTTATCTGTGTTTGAAGTGTGCTGGATGCATTT
 TCCTGTGTTTTGCTGTTGATCTGAAACAAATGATGGATCGTCAGAAAAGCCCTACTTTATGGATCAAGA
 ATTTCTGAGTTTCGTAAGGAGCAACAAATTAACAATGCAAGGGCACAGCAGGACAAGCACTCATT
 AGGAATGAGGAGGAACAGAATCCAGGCCATTGTGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238942 representing NM_001301079
 Red=Cloning site Green=Tags(s)

MGYSVVAGAAGRLLFGYDSFGNMGKKNPVEGAPLSGQDMTLKKHVFFMNSCNLEVKGSFLCVYSLNSF
 NYTHSPKADSLCPRLPVPPSKSFPLFNRCVPQTPECYSLFASVLINDVDLHRIILSGIMSGRDTILGLCI
 LALALSLAMFTRFRITLLVHIFISLVILGLLFVCGVLWLYDYTNDLSIELDTERENMKCVLGFIV
 STGITAVLLVLFVLRKRKIKLTVELFQITNKAISSAPFLFQPLWTFAILIFFWVWLVAVLLSLGTAGAA
 QVMEGGQVEYKPLSGIRYMWSYHLIIGLIWTFSEILACQMTIAGAVVTCYFNRSKNPPDHPILSSLSIL
 FFYHQGTVVKGSFLISVVRIPRIIVMYMQNALKEQQHGALSRYLFRCCYCCFWCLDKYLLHLNQNAYTTT
 AINGTDFCTSAKDAFKILSKNSSHFTSINCFGDFIIFLGKVLVVCFTVFGGLMAFNYNRAFQVWAVPLLL
 VAFFAYLVAHSFLSVFETVLDALFLCFVDLETNDGSSEKPYFMDQEFLSFVKRSNKLNNARAQQDKHSL
 RNEEGTELQAIVR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

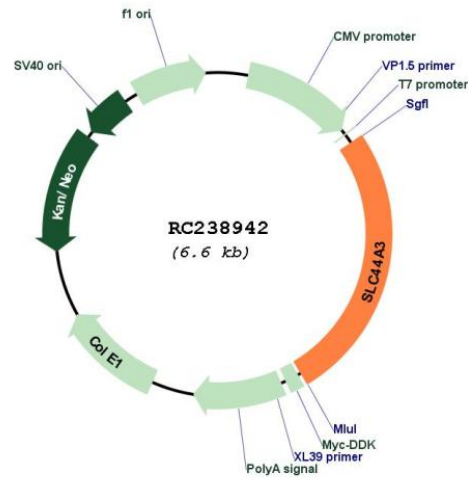
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_001301079
 ORF Size: 1719 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_001301079.2
RefSeq Size:	2236 bp
RefSeq ORF:	1722 bp
Locus ID:	126969
UniProt ID:	Q8N4M1
Cytogenetics:	1p21.3
Protein Families:	Transmembrane
MW:	64.9 kDa