

Product datasheet for **RG226065**

SLC44A3 (NM_001114106) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC44A3 (NM_001114106) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLC44A3
Synonyms:	CTL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG226065 representing NM_001114106
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACTGCCTGGGCGCCGAGTACCTGGTTTCTGCAGAAGGAGCCCTAGGCAAAGGGAGTGGCGACCCC
 AGATTTATAGGAAATGCACAGATACGGCATGGTTATTCCTGTTCTTTCTTTTGGACTGGTTTGGTGT
 TATCATGGGCTACTCGGTGGTGGCTGGAGCCGCGGAAGACTCCTCTTTGGCTATGACAGCTTTGGCAAC
 ATGTGTGGCAAGAAGAACTCCCCGTGGAAGGGGCCCTCTTTCAGGGCAGGACATGACCCTAAAAAAC
 ACGTGTCTTTATGAATTCCTGCAACCTGGAAGTCAAAGGTACGCAGCTCAACCGCATGGCCCTCTGTGT
 ATCCAACCTGCCCTGAAGAGCAGCTTGACTCCCTGGAAGAGGTCCAGTTCTTTGCAAAACACAGTGGGTCC
 TTCTGTGTGTTTATAGTTTGAATTCCTCAACTATACCCACAGTCCAAAAGCAGACTCACTGTGTCCCA
 GGCTACCACTTCCCAAGCAAGTCATTTCCCTTATTTAACCGATGTGTCCCTCAAAACCTGAGTGCTA
 CTCCTATTTGCATCTGTTTGTAAATGATGTTGACACCCTCCACCGAATTCTAAGTGGAAATCATGTGCG
 GGAAGAGATACAATCCTTGGCCTGTGTATCCTCGCATTAGCCTTGTCTTTGGCCATGATGTTACCTTCA
 GATTCATCACCACCCTTCTGGTTCACATTTTCATTTTCATTTGGTTATTTTGGGATTGTTGTTTGTCTGCGG
 TGTTTTATGGTGGCTGTATTATGACTATACCAACGACCTCAGCATAGAATTGGACACAGAAAGGGAAAAAT
 ATGAAGTGCCTGGGTTTGTATCGTATCCACAGGCATCACGGCAGTGTGCTGCTCTTGATTTTTG
 TTCTCAGAAAGAGAATAAAATGACAGTTGAGCTTTTCCAATCACAATAAAGCCATCAGCAGTGTCTCC
 CTTCTGCTGTTCCAGCCACTGTGGACATTTGCCATCCTCATTTTCTTCTGGTCTCTGGGTGGCTGTG
 CTGCTGAGCCTGGAACTGCAGGAGCTGCCAGGTTATGGAAGGGCGCAAGTGGAAATAAAGCCCTTT
 CGGGCATTTCGGTACATGTGGTCTGACATTTAATTGGCCTCATCTGGACTAGTGAATTCATCCTTCCGTG
 CCAGCAAATGACTATAGCTGGGGCAGTGGTTACTTGTATTTCAACAGAAGTAAAAATGATCCTCCTGAT
 CATCCCATCCTTCTGCTCTCTCCATTCTTCTTCTACCATCAAGGAACCGTTGTGAAAGGTCATTTT
 TAATCTGTGGTGGGATTCCGAGAATCATTGTCATGTACATGCAAAACGCACTGAAAGAACAGCAGCA
 TGGTGCATTGTCCAGGTACCTGTCCGATGCTGCTACTGCTGTTTCTGGTGTCTTGACAAAACCTGCTC
 CATCTCAACCAGAATGCATATACTACAAGTCTTAAATGGGACAGATTTCTGTACATCAGCAAAAGATG
 CATTCAAATCTGTCCAAGAATCAAGTCACTTTACATCTAATAACTGCTTTGGAGACTTCATAATTTT
 TCTAGGAAAGGTGTTAGTGGTGTGTTTCACTGTTTTTGGAGACTCATGGCTTTTAACTACAATCGGGCA
 TTCCAGGTGTGGCAGTCCCTCTGTTATTGGTAGCTTTTTTGCCTACTTAGTAGCCCATAGTTTTTAT
 CTGTGTTTGAACCTGTGCTGGATGCACTTTTCTGTGTTTTGCTGTTGATCTGAAACAAAATGATGGATC
 GTCAGAAAAGCCCTACTTTATGGATCAAGAATTTCTGAGTTTCGTAAGGAGGCAACAAAATTAACAAT
 GCAAGGGCACAGCAGGACAAGCACTCATTAAGGAATGAGGAGGGAACAGAAGTCCAGGCCATTGTGAGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG226065 representing NM_001114106
 Red=Cloning site Green=Tags(s)

MHCLGAEYLVSAEGAPRQREWPRQIYRKTDTAWLFLFFLFWTGLVFIGYSVVAGAAGRLLFGYDSFGN
 MCGKKNPVEGAPLSGQDMTLKKHVFFMNSCNLEVKGTQLNRMALCVSNCPPEQLDSEEVQFFANTSGS
 FLCVYSLNSFNTHSPKADSLCPRLPVPPSKSFPLFNRCVPQTPECYSLFASVLINDVDTLHRILSGIMS
 GRDITLGLCILALALSLAMMFTFRFITLLVHIFISLVILGLLFCVGVLWVLYDYTNDLSIELDTEREN
 MKCVLGFIVSTGITAVLLVLFVLRKRIKLTVELFQITNKAISSAPFLFQPLWTFAILIFFWVWVAV
 LLSLGTAGAAQVMEGGQVEYKPLSGIRYMWSYHLIGLIWTFSEILACQMTIAGAVVTCYFNRSKNDPPD
 HPILSSLSILFFYHQGTVVKGSFLISVVRIPRIIVMYMQNALKEQHGALSRYLFRCCYCCFWCLDKYLL
 HLNQNAVTTTTINGTDFCTSAKDAFKILSKNSSHFTSINCFGDFIIFLGKVLVVCFTVFGGLMAFNYNRA
 FQVWAVPLLLVAFFAYLVAHSFLSVFETVLDALFLCFVDLETNDGSSEKPYFMDQEFVSVKRSNKLNN
 ARAQQDKHSLRNEEGTELQAIVR

TRTRPLE – GFP Tag – V

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_001114106.3
RefSeq Size:	2418 bp
RefSeq ORF:	1962 bp
Locus ID:	126969
UniProt ID:	Q8N4M1
Cytogenetics:	1p21.3
Protein Families:	Transmembrane