

Product datasheet for **SC317713**

SLC17A9 (NM_022082) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC17A9 (NM_022082) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC17A9
Synonyms:	C20orf59; POROK8; VNUT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317713 representing NM_022082. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGCAGCCACCCAGACGAGGCCCGCAGGGACATGGCCGGGACACCCAGTGGTCCAGGCCGAGTGC
CAGGCATGGACGGGGACGCTGCTGCTGGGCACATGCCTTCTGTACTGCGCCCGCTCCAGCATGCCATC
TGCACCGTCTCCATGAGCCAGGACTTCGGCTGGAACAAGAAGGAGGCCGGCATCGTGCTCAGCAGTTT
TTCTGGGGCTACTGCCTGACACAGGTTGTGGCGGCCACCTCGGGGATCGGATTGGGGGTGAGAAGTGC
ATCCTGCTGTGACCTCTGCCTGGGGCTCCATCACGGCCGTACCCCACTGCTCGCCACCTGAGCAGT
GCCACCTGGCCTTCATGACCTTCTACGCATCCTCATGGGCTTGCTCCAAGGGTTTACTTCCCTGCC
CTGACCAGCCTGCTGTGCGAGAAGGTGCGGGAGAGTGAGCGAGCCTTACCTACAGCATCGTGGGCGCC
GGCTCCCAGTTTGGGACGCTGCTGACCGGGGCGGTGGGCTCCCTGCTCCTGGAATGGTACGGCTGGCAG
AGCATCTTCTATTTCTCCGGCGGCCTCACCTTGCTTTGGGTGTGGTACGTGTACAGGTACCTGCTGAGT
GAAAAAGATCTCATCCTGGCCTTGGGTGTCTGGCCAAAGCCGGCCGGTGTCCAGGCACAGCAGAGTC
CCCTGGAGACGGCTCTCCGGAAGCCTGCTGTCTGGGCAGCCGTCTGCTCCCAGCTCTCTGCAGCCTGC
TCCTTCTTCATCCTCCTCCTGGCTGCCACCTTCTTCGAGGAGACCTCCCGACGCCAAGGGCTGG
ATCTTCAACGTGGTTCCTTGGTTGGTGGCGATTCCGGCCAGTCTATTAGCGGGTTTCTCTGATCAT
CTCATCAATCAGGGTTACAGAGCCATCACGGTGCAGGAGCTCATGCAGGCATGGGCCTTGGCCTCTCC
AGCGTCTTTGCTGTGCTGCGCTGGGCCACACCTCCAGCTTCTGTGAGTCTGTGGTCTTGCATCAGCCTCC
ATCGGCCTCCAGACCTTCAACCACAGTGGCATTCTGTTAACATCCAGGACTTGGCCCCGTCTGCGCC
GGCTTTCTGTTTGGTGTGGCCAACACAGCCGGGCCTTGGCAGGTGTCTGGGTGTGTCTAGGCGGC
TACTTGATGGAGACCACGGGCTCCTGGACTTGCCTGTTCAACCTTGTGGCCATCATCAGCAACCTGGGG
CTGTGCACCTTCTGGTGTGGACAGGCTCAGAGGTGGACCTGAGCTTACCCATGAGGACCT**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022082
Insert Size:	1311 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_022082.3</u>
RefSeq Size:	2612 bp
RefSeq ORF:	1311 bp
Locus ID:	63910
UniProt ID:	<u>Q9BYT1</u>
Cytogenetics:	20q13.33
Protein Families:	Transmembrane
MW:	47.5 kDa
Gene Summary:	This gene encodes a member of a family of transmembrane proteins that are involved in the transport of small molecules. The encoded protein participates in the vesicular uptake, storage, and secretion of adenoside triphosphate (ATP) and other nucleotides. A mutation in this gene was found in individuals with autosomal dominant disseminated superficial actinic porokeratosis-8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014] Transcript Variant: This variant (1) represents the shorter transcript and encodes the longer isoform (1).