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Product datasheet for SC127951

SLC12A8 (NM_024628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC12A8 (NM_024628) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC12A8
Synonyms:	CCC9
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None

View online »

Fully Sequenced ORF: >NCBI ORF sequence for NM_024628, the custom clone sequence may differ by one or more nucleotides

ATGACCCAGATGTCCCAGGTGCAGGAGCTCTTCCATGAGGCAGCCCAGCAGGATGCCCTGGCCCAGCCCC
AGCCCTGGTGGAAGACCCAGCTGTTCATGTGGGAGCCTGTGCTGTTTGGGACCTGGGATGGTGTGTTCAC
ATCCTGCATGATCAACATCTTTGGGGTTGTGCTCTTCCTGAGGACTGGCTGGCTGGTGGGAAACACAGGA
GTGCTCCTGGGCATGTTCCTGGTGTCCTTCGTCATCCTGGTGGCCCTCGTCACGGTGCTGTCTGGCATTG
GCGTCGGGGAGCGCAGCAGCATCGGCAGCGGTGGCGTCTACTCCATGATCTCCTCGGTCCTGGGTGGGCA
GACGGGAGGCACCATCGGGCTGCTCTATGTGTTTGGACAGTGTGTTGCAGGTGCCATGTATATCACCGGC
TTTGCTGAATCCATCTCGGATTTGCTGGGCCTCGGGAATATCTGGGCTGTGCGAGGAATTTCAGTTGCGG
TGCTTCTGGCCTTGCTGGGCATTAACCTCGCAGGTGTCAAATGGATAATCCGCCTCCAGCTGCTGTTGCT
GTTCCTGCTGGCCGTGTCCACACTGGACTTTGTGGTGGGTTCTTTCACCCACCTGGACCCAGAACATGGT
TTCATTGGATATTCACCCGAACTGCTACAGAACAACACGCTGCCCGATTACAGCCCGGGGGAATCTTTTT
TCACTGTCTTTGGGGTTTTCTTCCCAGCGGCTACAGGAGTCATGGCCGGCTTCAACATGGGGGGCGACCT
CAGGGAGCCTGCCGCCAGCATTCCCCTGGGCTCCCTGGCAGCTGTTGGCATCTCGTGGTTTCTGTACATC
GTCTTCGTCTTCCTCCTGGGCGCCATCTGCACTCGAGAGGCCCTTCGCTATGACTTCCTGATAGCGGAAA
AGGTATCCCTCATGGGCTTCCTGTTCCTTTTGGGCTTATACATCTCGTCCCTGGCTTCCTGCATGGGAGG
ACTTTATGGAGCTCCCCGCATCCTGCAGTGCATTGCCCAGGAGAAAGTGATCCCTGCACTTGCCTGTCTG
GGACAAGGGAAGGGGCCAAACAAAACACCCGTGGCTGCCATCTGCCTGACCAGCTTGGTGACCATGGCCT
TTGTTTTTGTGGGTCAAGTGAACGTTCTGGCCCCCATCGTCACCATCAACTTCATGCTGACATACGTTGC
AGTGGACTACTCTTACTTCTCCCTGTCCATGTGTTCCTGCAGCCTGACCCCGGTGCCTGAGCCGGTGCTC
AGGGAGGGCGCAGAAGGCCTCCACTGCTCTGAGCACCTGCTCTTAGAGAAAGCTCCCAGTTACGGCTCTG
AGGGACCTGCCCAAAGAGTCTTGGAGGGCACGCTACTGGAATTCACCAAGGACATGGATCAGCTCCTCCA
GCTAACCAGGAAGCTTGAGAGTAGCCAGCCCAGGCAAGGAGAGGGTAACAGGACCCCAGAAAGTCAGAAG
AGGAAAAGCAAGAAGGCCACCAAGCAGACCCTACAAGATAGCTTCCTCTTGGACCTCAAATCCCCTCCTT
CTTTCCCTGTCGAGATCTCTGACAGGTTGCCCGCTGCCTCCTGGGAGGGGCAGGAGTCCTGCTGGAACAA
GCAGACTTCCAAGAGCGAAGGGACTCAGCCTGAGGGAACATATGGAGAGCAACTTGTTCCTGAGCTGTGC
AACCAATCAGAGTCCAGTGGAGAAGATTTCTTCCTGAAGTCCAGGCTCCAAGAACAAGATGTCTGGAGAA
GATCCACTTCTTTCTATACCCACATGTGCAACCCCTGGGTCTCCCTGTTGGGGGCTGTTGGGTCCCTTCT
CATCATGTTTGTGATACAGTGGGTGTATACCCTGGTTAACATGGGTGTTGCTGCCATCGTGTATTTCTAC
ATTGGCCGGGCCAGTCCAGGGCTTCACCTTGGATCAGCCTCCAACTTCAGCTTTTTCCGGTGGATGAGGT
CTCTCTTGCTCCCCTCCTGCAGGAGCTTGCGGTCCCCTCAGGAGCAGATCATCTTGGCGCCGTCCCTGGC
TAAGGTTGACATGGAGATGACTCAGCTCACCCAGGAGAATGCAGACTTCGCCACTCGGGATCGCTACCAC
CACTCCTCCCTCGTGAACCGGGAGCAGCTGATGCCTCACTACTAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024628 unedited
TACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGGAGCAGTCTCCCTGTCCAGAT
CACCAGGATCCCTGCTTGCTGGAGAATGACCCAGATGTCCCAGGTGCAGGAGCTCTTCCA
TGAGGCAGCCCAGCAGGATGCCCTGGCCCAGCCCCAGCCCTGGTGGAAGACCCAGCTGTT
CATGTGGGAGCCTGTGCTGTTTGGGACCTGGGATGGTGTGTTCACATCCTGCATGATCAA
CATCTTTGGGGTTGTGCTCTTCCTGAGGACTGGCTGGCTGGTGGGAAACACAGGAGTGCT
CCTGGGCATGTTCCTGGTGTCCTTCGTCATCCTGGTGGCCCTCGTCACGGTGCTGTCTGG
CATTGGCGTCGGGGAGCGCAGCAGCATCGGCAGCGGTGGCGTCTACTCCATGATCTCCTC
GGTCCTGGGTGGGCAGACGGGAGGCACCATCGGGCTGCTCTATGTGTTTGGACAGTGTGT
TGCAGGTGCCATGTATATCACCGGCTTTGCTGAATCCATCTCGGATTTGCTGGGCCTCGG
GAATATCTGGGCTGTGCGAGGAATTTCAGTTGCGGTGCTTCTGGCCTTGCTGGGCATTAC
CCTCGCAGGTGTCAAATGGATAATCCGCCTCCAGCTGCTGTTGCTGTTCCTGCTGGCCGA
GTCCACACTGGACTTTTGTGGNGGGCTACTTTTCCCCATCTCGCCCCCAAAACATGGCCT
CATTCGCCTTTTGCCCCCGCACCGCCATTTCAAAACTCCCCTTGCCGTATTACCGCCCCG
TAGCACTACCTTCCCCACTTCGTTTAATACCTCCCACCACTCTCCCCCTCCTCTCCCCTC
CACTCCTCCATTCTACCTCCCTCTNCTCCTTTCTCACCTGCTTCTCCCCTCCTCCTACTC
TCCCCTTCTTTCTTTCTCACTTCCTTCCTTTCTCTACTACTCATCTCTCCCCTCTCATCA
TCTGCCATCCTCCCGCCATTTTGCGATCCTACCCNTCTTGCTCCTCCACCTCCATTCTCT
CTCTCCACACCTCCAA

3' Read Nucleotide Sequence:

>OriGene 3' genomic read for NM_024628 unedited
CCAGGCAGGATCAACTTGGGAGTGGTTCAACATGGCATGCCCCCCGGGATCTGTTCAGAA
AAAGCTATGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAAACATG
TGAGTGTATTATTTATTTTTGAATAAATAATACAATAAAATATAAAACATACACTTATTG
TGGCCCTCTGCACAAGCAATCTGGTTGTGCAGAGTCTTGGTGTCCCCTGCTAGTCTTAGT
ACCTGTATAGAGCTCTTCAAACTGGGTGTCGTGTTGCAGAGGCTAGCACCATTCCTGATG
TCACCCTGGGTGAGACGTGGTCCTCAGAATCCAGATTTCCTTTTTTGTCTTTTTCCTTCT
TCCACATGTTCTAAGAAAACATAGATTTCTGGCCAGGCATGGTGGCTCACGCCTGTAATC
CCAGTACTTTGGGAGGCTGAGACGGGTGGATCACGAGGTCAGGAGTTCGAGACCAGCCTG
GCCAACATGGTGAAACCCTGTCTCCAGTAAAAATACAAAAAATAGCTGGGTGTGGGTGGT
GCATGCCTATAATCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATTGCTTGAACTCGTGA
AGCAGAGGTTGCAGTGAGCCAAGATTGTGCCACTGGACTCCAGCCTGCGTGACAGGGCGA
GACTCTGTCTCAAAAAAAAAAAAAAAGGGAAAAGAAAAATGTACATTTCCATTGTCCAAA
GTGACAGCGGGAAGAATGGCTCCTGAGTTTCTCAGTTTGGAAAAGCAGCTCCACGAAAGT
CCCTGACTTGGTTCCACTGTACATGGGAAAGCTTCAAAAAAAGAAGGTCCCACCCTGCAT
CTAGTAGTGAAGCATCCACTGCTTCCGTTTAAGAGGGAAGAGTGTGGA

Restriction Sites: NotI-NotI

ACCN: NM_024628

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).

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:	NM_024628.4, NP_078904.3
RefSeq Size:	3482 bp
RefSeq ORF:	2145 bp
Locus ID:	84561
UniProt ID:	A0AV02
Cytogenetics:	3q21.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene is thought to be a candidate for psoriasis susceptibility. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Sep 2010] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.