

Product datasheet for **SC101802**

SLC4A8 (AK093357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC4A8 (AK093357) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC4A8
Synonyms:	NBC3; NDCBE
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK093357, the custom clone sequence may differ by one or more nucleotides

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GACTTTTTAATAATAGTCGTTCTGACTGATGTGAAATGGAGTCTCTTTGTGGTTCTGATTTGCATCTCTG
ATGATGCATGATGTTGACCAGTTTTTAATATGTTTGTGACTGCTTGATGTCTTCTTTAAGAAGTGTC
TGTTTCATATCCTTTGCCCTTTTCGCTTCTATGCACCAATAACACCCAGGCTGAGAGTCAAACCAAGAACAC
AATCCTGACTACAGTAGCCATAAAGAAAAATGAAATACCTGGGAATACACCTAATCAAAAACATGAAAGCA
CTCTCTAGAGGGAGAAGTACAAAACATTGCTGAAAGAAATCAGAGATGATTCTCTGAAAAAGAGTCAGA
TTAGAAATGATTCTCTGAAAAAGAAATCATCTCTGATTCTTTTTCAGCAGTGTGTTTTTGTGTTGTTGTT
TGTTTTGAGACAGAGTCTTGCTCTGTGCGCAAGGCTGGAGGGCAATGGCATGATTTTCTGCTCACTACAAC
CTCCTGCTCCTGGGTTTCGAGCGATTCTCCTACCTCAGCCTCCCGAGTAGCTGGGATTACAGGAGGCTGAG
AAAATGTTAGAAATTGGGGGAGACAAGTTTCCCTTAGAGAGCAGGAAGTTACCAAGTAGCTCTGGAAAGA
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AGCTCTCAGTATGAATTCTGAAATGCAAAGGAAAAGAGTCTCTCAACTAAGAGTCTTTGCTGGGATGG
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AGCAAGACCAAGTCTGGCCCTGTCTTGGTCATCTCAAAGCCATGCCGAAGCATTAGTTATTCTTGGTG
TGCATTGGAAGGCATCCAGCTATCCCCATACCAGCAGCCAGTCACCAGATGTGAATGTGGAAGCAGAAGA
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TCCCATTTTCCAGACGTTTTCTCTGAAATCTCTGCTGGCCTGCCAAGCCATATGGATTCTTCTGCCAC
TGAGGAGTCCCTCAGTGAGGTCCCTCTTCTAAAGGACAGAGTGGGGAGTAGGAGGGGAACAGAGAGGAC
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CCTCCCCTGGGGATGCTGGTCAGACCCAGAGTTGTGAGGAGGTCAGCTACCAGGAAGATCCATGATCT
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AATTAGTTTTGGTATTTAATTTAAACTACATTTATAGTTTTTCTTCTCTTCTATGTTGCAATGAATG
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TACAGGACAGATGCCAGCCACTCAGAAGGGATGCCTGCTGTAACAAGCAGTATGTATGGTTGTACCAAT
GCCTATTGGCTGAACATTATGCTACTTTTCTAGATATTAATGAGTGTCTTCTTGAATCGTG
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK093357 unedited
 ATACGACTTACTATAGGGCGGCCGCAATTTCGGCACGAGGGCTGCTCAGTCTTCATGACG
 GCTATCTTAAAGTTTATTCCAATGCCAGTACTCTACGGAGTTTCTTTACATGGGAGTT
 TCTTCACTACAGGAATTTCAGTTCTTTGATCGTCTAAAGCTCTTTGGGATGCCCGCAAAG
 CACCAGCCAGATTTCATCTACCTGCGGCATGTGCCGTGCGCAAAGTGCACCTCTTCACC
 CTCATCCAGTTGACCTGTCTCGTCTGCTCTGGGTCATCAAGGCATCTCCAGCTGCCATT
 GTTTTCCCAATGATGGTTTGGCCTTGGTCTTTGTCAGGAAAGTCATGGATCTCTGTTTC
 TCTAAGCGAGAGCTGAGCTGGCTAGATGATCTCATGCCTGAAAGCAAAAAGAAGAAGTTG
 GATGATGCCAAAAAGAAGGCCAAGGAGGAAGAGGAGGCTGAGAAAATGTTAGAAATTGGG
 GGAGACAAGTTTCCCTTAGAGAGCAGGAAGTTACTAAGTAGTCTGGAAAGAACATCAGT
 TGCAGATGTGACCCCTCTGAGATTAATATATCTGATGAAATGCCTAAACTACAGTTTGG
 AAAGCTCTCAGTATGAATTCTGGAATGCAAAGGAAAAGAGTCTTTCAACTAAGAGTCT
 TTGCTGGGATGGAAGATTGGGCCGTGTGGTGCCTCAGGGAAGTCTGGTTACAGAGAAA
 ATGGCGAGTCTCTCAGAGAGAAAGCAGACAAGTCTGGCCCTGTCCTTGGTCATCTCAAGC
 CATGCCGAGCATTAGTTATTCTGGTGTGATTGGAGGCATCCAGCTACCCCATACAGCA
 GCCAGTACCAGATGTGATGGTGGAGCAGAAGACCTNCTGGTGGNNNTCTCTCTCTCT
 CTCTTTTCTCTTTAGACGGCCACATTTGAGACTAGCTTCCATTTTCCAGACGTTTN

3' Read Nucleotide Sequence:

>OriGene 3' read for AK093357 unedited
 GGTACATTATGNACCGCGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTT
 TTCCACAATTCAAAGGG
 ACCCCCTTTTAAATTTCTGAAAGTACAAAAGGTTACCCAATAGGCTTTGGTCCACCCA
 TCCATCTGTTTGTACAGAAGGCCCCCTTTTGGGGGGTGGCATTGCCCCGGGCCCA
 TTTGTAATAAATTTTAAAAACCATCTTTGTTAAAAAAATTTGGGGCCCTTTGAAATGG
 GGAATTTAAAAAATGAGGGTTTCTTTAACACCAAAGGTTTTTAAAGAAAACTAAAA
 TCCCTTTTTTTTTTAAAAAGTCTAAGGGAGGCAAAATTCATAAAGGGTTTACCCCCC
 CCTTCCCTAAAAAATAAACCATGGGGGAACCTCCCTGGCCAAAAATTTCCGGG
 GGGGGAATAACCTGAAAAAATTATTGGGGGGCTAAGGGGCTTGCAAAATACATTCCGG
 GCCCAAAGGAAGGAAAGGTTTTAAACCCCGGTTCCCAATCTTTAATTTTTTTGGAAC
 TAAAAAATAAATAAATAAAGGGGTTTTAAATAAATAAATAAATAAATAAATAAATAA
 ACCCTTACGGTTTTTTTTCCCGGGGACTTTTTTGGCACTCAAAACCCCAATGTTT
 TTGCCCCCAAGAAATATCTGTATGATGAAAAACCCCGGGTGAAGAGGGGATTT
 TGGCCCTTAAACCTAAAGATCGCTTTCTTTCTAAGCCGCTCTAAGGGAACAATTCCTT
 TAACCCCTTTGGTTTCTCCCCCGGAGAGGAAATTGGAGAAAGTTCCTCCACAAAAACA
 CACCCCAAGAATTTCTAAAAAATCCCCCACAAAGGGGCCAAAAAAACACTCTTT
 T

Restriction Sites:

NotI-NotI

ACCN:

AK093357

Insert Size:

2500 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).

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: [AK093357.1](#)

RefSeq Size: 2510 bp

RefSeq ORF: 2510 bp

Locus ID: 283400

Cytogenetics: 12q13.13