

Product datasheet for **SC115154**

SLC43A3 (NM_014096) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC43A3 (NM_014096) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC43A3
Synonyms:	EEG1; ENBT1; FOAP-13; PRO1659; SEEEG-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115154 sequence for NM_014096 edited (data generated by NextGen Sequencing)

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ATGGCGGGCCAGGGCCTGCCCTGCACGTGGCCACACTGCTGACTGGGCTGCTGGAATGC
CTGGGCTTTGCTGGCGTCTCTTTGGCTGGCCTTCACTAGTGTGTTGCTTCAAGAATGAA
GATTACTTTAAGGATCTGTGTGGACCAGATGCTGGGCCGATTGGCAATGCCACAGGGCAG
GCTGACTGCAAAGCCCAGGATGAGAGGTTCTCACTCATCTTACCCTGGGGTCCCTCATG
AACAACTTCATGACATTTCCCACACTGGCTACATCTTTGACCGGTTCAAGACCACCGTGGCA
CGCCTCATAGCCATATTTTTCTACACCACCGCCACACTCATCATAGCCTTACCTCTGCA
GGCTCAGCCGTGCTGCTCTTCTGGCCATGCCAATGCTCACCATTGGGGGAATCCTGTTT
CTCATACCAACCTGCAGATTGGGAACCTATTTGGCCAACACCGTTGACCATCATCACT
CTGTACAATGGAGCATTGACTCTTCTCGGCAGTCTTCTTATTATTAAGCTTCTTTAT
GAAAAAGGCATCAGCCTCAGGGCCTCCTCATCTTCTGTCTGCAGTACCTGGCAT
GTAGCACGCATTTCTCTGATGCCCGGGGGCACATCCCATACCCACTGCCCCCAAC
TACAGCTATGGCCTGTGCCCTGGGAATGGCACCACAAAGGAAGAGAAGGAAACAGCTGAG
CATGAAAACAGGGAGCTACAGTCAAAGGAGTTCCTTTCAGCGAAGGAAGACCCAGGG
GCAGGGCAGAAGCAGGAACCTCCGCTCCTTCTGGAGCTACGCTTCTCTCGGCGCTTGGC
TGGCACCTGGTGTGGCTGTCTGTGATACAGTTGTGGCACTACCTTTCATTGGCACTCTC
AACTCCTTGTGACCAACATGGCCGGTGGGGACATGGCACGAGTCAACCTACACAAAT
GCCTTTGCCTTCACTCAGTTCGGAGTGTGTGTGCCCCCTGGAATGGCCTGCTCATGGAC
CGGCTTAAACAGAAGTACCAGAAGGAAGCAAGAAAGACAGGTTCCCTCCACTTTGGCGGTG
GCCCTCTGCTCGACGGTGCCTTCGCTGGCCCTGACATCCCTGTGTGCCTGGGCTTCGCC
CTCTGTGCCTCAGTCCCCATCCTCCCTCCTCAGTACCTCACCTTTCATCCTGCAAGTATC
AGCCGCTCCTTCTCTATGGGAGCAACGCGGCCCTTCTCACCTTGTCTTCCCTTCCAGAG
CACTTTGGCAAGCTCTTTGGGCTGGTGTGATGGCCTTGTGCGGTGTGGTGTCTCTGCTCCAG
TTCCCCATCTTACCCTCATCAAAGGCTCCCTTCAAGATGACCCATTTTACGTGAATGTG
ATGTTTATGCTTGCATTCTTCTGACATTCTTCCACCCCTTCTGGTATATCGGGAATGC
CGTACTTGGAAAGAAAGTCCCTCTGCAATTGCATAG
    
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Clone variation with respect to NM_014096.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_014096 unedited
GCACGAGGCCTCTGCTCGACGGTGCCTTCGCTGGCCCTGACATCCCTGTGTGCCTGGGC
TTCGCCCTCTGTGCCTCAGTCCCATCCTCCCTCTCCAGTACCTCACCTTCATCCTGCAA
GTGATCAGCCGCTCCTTCTCTATGGGAGCAACGCGGCCCTTCTCACCTTGTCTTCCCT
TCAGAGCACTTTGGCAAGCTCTTTGGGCTGGTGTGATGGCCTTGTGCGGTGTGGTGTCTGT
CTCCAGTTCCTTCTTACCCTCATCAAAGGCTCCCTTCAAGATGACCCATTTTACGTG
AATGTGATGTTTATGCTTGCATTCTTCTGACATTCTTCCACCCCTTCTGGTATATCGG
GAATGCCGTACTTGGAAAGAAAGTCCCTCTGCAATTGCATAGTTCAAGAGCCCTCACTTT
TCAGCCCCGAGGATGGTTTTTGTTCATCTTCCACCACCTTTGAGGACCTCGTGTCCAAAA
GACTTTGCCTATCCCAGCAAAACACACACACACACACACACAAAAATAAGACAC
ACAAGGACGTCTGCGCAGCAAGAAAAGAATCTCAGTTGCCAAGCAGATTGATATCACACA
GACTCAAAGCAAAGGCATGTGGAACCTTCTTATTTCAAAA
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014096 unedited TATCTTTGGACCCGCGGCCGCATNCTAGNGATCGGTTTTTTTTTTTTTTTTTGCCTTAG ACCAGAAGCTTTATTTTTCTATAAAATTATCCCGAGAGAAATTTCTTTTAAATGCCCA AAGTAAATAACTATATCCCTTCTTGAAAACATCCCCAAAGATAGTCTGTGAGAAATCCT TCGGTCAAGCAGGTCAGCTGGCTCCCCTGGCCCTTNGGGTGGCCTGACTCTGTCCT ATTCCTAAAACCTTCTAGGACATCTGCTCCAGGAAGAATTTCAACACCAAAATTCATCT CAATTTTACAGATGGGAAAAGTGATTCTGAGACCAGACCAGGGTCAGGCCAAGGTCATCC AGCATCAGTGGCTGGCTGAGACTGGGCCAGGGAACCCGTCTGCTCCTTTTTCCCA GAGCTGTGAGTTCTTAGCCAAGGCTGCACTCTTGAGGGAGAGCCAGGAAGCATAGCTGA GGCCATGACAACCTCACTCTTCACTGAAAATTTAACCCGTGGCAGAGGATCCAGGCACA TATAGGCTTCGGAGCCAAACAGGCCTAAAGAAATAGTTGACACACTTCTCCCCAGGTCA TCTCCCCTGGAGTCAAGGGTCTGCCAAGGCTAAGTGAAGGAGACACTTCTGTTTTGAAA TAAGAAGTCCACATGCCTTTCGNTTGTGCTGTGTGATATCAATCTGCTTGGGCACTGTA GATCTTTCTTGTGCGCAGACGCTTNGNNGNNCTATTTTNGTGTGNGTGTGTGTG NGTGGGGGTTTTGCTGGGATAGGCAAAGTCTTTGGGACACCAGTTCCTCAAGGTGGTTG GAGAAGAACAAAACCTCCTTGGGGGCTGAAAGGAAGCTTCTGAACTATGCATTGCGAAG GAACTTCTTTCAAGACGGGATCCCGAATACCAAAAAGGGTGGANAATGTCAAAAATTG CAGCCTGAACTCCCATCCGTAATGGGA
Restriction Sites:	NotI-NotI
ACCN:	NM_014096
Insert Size:	1260 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:	<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:	<u>NM_014096.1</u> , <u>NP_054815.1</u>
RefSeq Size:	1521 bp
RefSeq ORF:	318 bp
Locus ID:	29015
UniProt ID:	<u>Q8NBI5</u>
Cytogenetics:	11q12.1
Protein Families:	Transmembrane

Gene Summary:

Putative transporter.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) and variants 2, 3 and 4 encode the same isoform (1).