

## Product datasheet for **SC336498**

### SLC43A3 (NM\_001278206) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC43A3 (NM_001278206) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC43A3
Synonyms:	EEG1; ENBT1; FOAP-13; PRO1659; SEEEG-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC336498 representing NM\_001278206.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCGGGCCAGGGCTGCCCTGCACGTGGCCACACTGCTGACTGGGCTGCTGGAATGCCTGGGCTTT
GCTGGCGTCCTCTTTGGCTGGCCTTCACTAGTGTCTTCAAGAATGAAGATTACTTTAAGGATCTG
TGTGGACCAGATGCTGGGCCGATTGGCAATGCCACAGGGCAGGCTGGAAGGCTGGGATGCATGGGAGAC
CTTTTTCTACTCCAGACTGCAAAGCCAGGATGAGAGTTTCTCACTCATCTTACCCTGGGGTCTTTC
ATGAACAACCTTACATGACATTCGCCACTGGCTACATCTTTGACCGTTCAAGACCACCGTGGCAGCCTC
ATAGCCATATTTTCTACACCACCGCCACACTCATAGCCTTACCTCTGCAGGCTCAGCCGTGCTG
CTTCTTGGCCATGCCAATGCTCACCATTGGGGGAATCCTGTTTCTCATACCAACCTGCAGATTGGG
AACCTATTTGGCCAACACCGTTCGACCATCACTACTGTACAATGGAGCATTGACTCTTCTCGGCA
GTCTTCTTATTATTAAGCTTCTTATGAAAAAGGCATCAGCCTCAGGGCCTCCTCATCTTCTATCT
GTCTGCAGTACCTGGCATGTAGCAGCACTTTCCTCTGATGCCCGGGGCACATCCCATACCCACTG
CCCCCAACTACAGCTATGGCCTGTGCCCTGGGAATGGCACCAAAAGGAAGAGAAGGAAACAGCTGAG
CATGAAAACAGGGAGCTACAGTCAAAGGAGTTCCTTTCAGCGAAGGAAGAGACCCAGGGGCAGGGCAG
AAGCAGGAACCTCCGCTCCTTCTGGAGCTACGCTTCTCTCGGCGCTTTGCCTGGCACCTGGTGTGGCTG
TCTGTGATACAGTTGTGGCACTACCTCTTATTGGCACTCTCAACTCCTTGCTGACCAACATGGCCGGT
GGGACATGGCACGAGTCAACCTACACAAATGCCTTTGCCCTCACTCAGTTCGGAGTGTGTGTGCC
CCCTGGAATGGCCTGCTCATGGACCGGCTTAAACAGAAGTACCAGAAGGAAGCAAGAAAGACAGGTTCC
TCCACTTTGGCGGTGGCCCTCTGCTCGACGGTGCCTTCGCTGGCCCTGACATCCCTGCTGTGCCTGGC
TTGCGCCCTGTGCCTCAGTCCCACCTCCCTCTCCAGTACCTCACCTCATCTGCAAGTGCATCAGC
CGCTCCTTCTCTATGGGAGCAACGCGGCTTCCCTCACCTTGCTTTCCCTTTCAGAGCACTTTGGCAAG
CTCTTTGGGCTGGTGTGGCCTTGTGGCTGTGGTGTCTGCTCCAGTTCCTTACCCTATC
AAAGGCTCCCTTCAAGATGACCCATTTACGTGAATGTGATGTTGATGCTTGCCATTCTTCTGACATT
TTCCACCCTTTCTGGTATATCGGGAATGCCGTAAGTGGAAAGAAAGTCCCTCTGCAATTGCATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001278206
- Insert Size:** 1515 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:	<u>NM_001278206.1</u>
RefSeq Size:	2865 bp
RefSeq ORF:	1515 bp
Locus ID:	29015
UniProt ID:	<u>Q8NBI5</u>
Cytogenetics:	11q12.1
Protein Families:	Transmembrane
MW:	55.9 kDa
Gene Summary:	Putative transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (5) differs in the 5' UTR and has an alternate splice site in the 5' coding region, compared to variant 1. The resulting isoform (2) has an additional segment, compared to isoform 1.