

## Product datasheet for **RC232266**

### SLC35E2A (NM\_001199787) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SLC35E2A (NM\_001199787) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** SLC35E2A  
**Synonyms:** SLC35E2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC232266 representing NM\_001199787  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGTCCTCGGTGAAAACCCAGCACTGGAAGAGCTGGTTCCTGGCTCCGAAGAGAAGCCGAAAGGCA  
GGTCGCCTCTCAGCTGGGGCTCTCTGTTTGGTCACCGAAGTGAGAAGATTGTTTTGCCAAGAGCGACGG  
CGGCACAGATGAGAACGTAAGTACCGTACCATCACGGAGACCACGGTCATCGAGTCAGACTTGGGTGTG  
TGGAGCTCGGGCGCTGCTCTACCTCACGCTGTGGTCTTCTTCAGCTTCTGCACGCTCTTCTCAACA  
AGTACATCTGTCCCTGCTGGGAGCGAGCCAGCATGCTAGGTGCGGTGCAGATGCTGTCCACCACGGT  
TATCGGGTGTGTGAAAACCTCGTTCCTTGTCTGTTTATATCAGCAAGGCCCGGCTTCTACCCACCC  
AACTTCTTATGACGATGCTGTTTGTGGGTCTGATGAGGTTTGCAACTGTGGTTTTGGGTTTGGTCAGCC  
TGAAAAATGTGGCGGTTTCGTTTGTGAGACGGTGAAGAGCTCCGCCCCATCTTACGGTGATCATGTC  
TCGGATGATTCTGGGGAGTACACAGGACGTCCAGTGATCGGGAGGAGCGGGAAGAGCTTACAGTACAA  
CCAGGACGTGGTGTCTGCTTCTGACAGACGGAGTCTGTTCCACCTTCAGAGCGTCACGGCGTACGCC  
CTCATGGGAAAATCTCCCGGTGACTTTCAGGCCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC232266 representing NM\_001199787  
 Red=Cloning site Green=Tags(s)

MSSSVKTPALEELVPGSEEKPKGRSPLSWGSLFGHRSEKIVFAKSDGGTDENVLTVTITETTTVIESDLGV  
 WSSRALLYLTLWFFFSCFLFLNKYILSLLGGEPSMLGAVQMLSTTVIGCVKTLVPCLYQHKARLSYPP  
 NFLMTMLFVGLMRFATVVLGLVSLKNVAVSFAETVKSSAIFFTVIMSRMILGEYGRPSDREEREELQLQ  
 PGRGAAASDRRSPVPPSERHGVRPHGENLPGDFQAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001199787

**ORF Size:** 738 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001199787.1](#), [NP\\_001186716.1](#)

**RefSeq Size:** 2177 bp

**RefSeq ORF:** 741 bp

**Locus ID:** 9906

**UniProt ID:** [Q5CZA4](#)

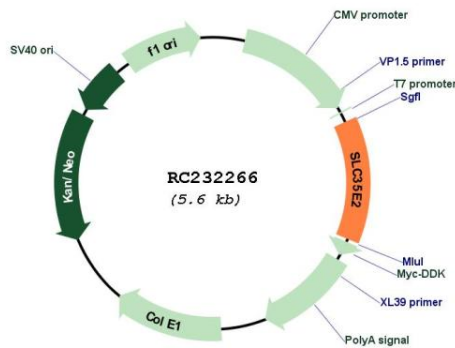
**Cytogenetics:** 1p36.33

**Protein Families:** Transmembrane

**MW:** 27.4 kDa

**Gene Summary:** Putative transporter.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC232266