

Product datasheet for **SC317195**

SLC35E2B (NM_001110781) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35E2B (NM_001110781) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35E2B
Synonyms:	SLC35E2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317195 representing NM_001110781. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTCGTCCTCGGTGAAAACCCAGCACTGGAAGAGCTGGTTCCTGGCTCCGAAGAGAAGCCGAAAGGC
 AGGTCGCCTCTCAGCTGGGGCTCTGTGGTCAACGAGTGAGAAGATTGTTTTGCCAAGAGCGAC
 GGCGGCACAGATGAGAACGTACTGACCGTCACCATCACGGAGACCACGGTCATCGAGTCAGACTGGGT
 GTGTGGAGCTCGCGGGCGCTGCTACCTCACGCTGTGGTCTTCTTCAGCTTCTGCACGCTCTTCCTC
 AACAGTACATCCTGTCCCTGCTGGGAGGCGAGCCAGCATGCTAGGTGCGGTGCAGATGCTGTCCACC
 ACGGTTATCGGGTGTGTAAAACCTCGTTCCTGCTGTTGTATCAGCACAAGGCCCGCTTTCCTAC
 CCACCAACTTCCTTATGACGATGCTGTTGTGGGTCTGATGAGGTTTGCAACTGTGTTTTGGGTTTG
 GTCAGCCTGAAAAATGTGGCGGTTTCGTTTGTGAGACGGTGAAGAGCTCCGCCCCATCTTCACGGTG
 ATCATGTCTCGGATGATTCTGGGGGAGTACACAGGGCTGCTGGTCAACCTCTCCCTCATCCAGTCATG
 GGCGGGCTGGCGCTGTGCACGGCCACTGAGATCAGCTTCAATGTCCTGGGGTTCTCGGCCGCACTGTCC
 ACCAACATCATGGACTGTTTGCAAAATGTTTTTCAAAAAGCTGCTCAGCGGGGACAAATACAGGTTT
 TCGGCCCGGAGCTGCAGTTCTACACAGCGCCGCTGCGGTGGCCATGCTCGTCCCGGCCGGGTTTTT
 TTTACGGACGTCACAGTATCGGGAGGAGTGGGAAGAGCTTCACTACAACAGGACGTGGTGCTGCTG
 CTTCTGACAGACGGAGTCTGTTCACCTTCAGAGCGTCACGGCGTACGCCCTCATGGGGAAAATCTCC
 CCGGTGACTTTACGCGTCGCCAGCACCGTGAAACATGCCTTGTCATCTGGCTCAGCGTAATCGTTTTT
 GGCAACAAGATCACAGCTTGTGCGCGCTTGGCACAGCCCTGGTGACCGTTGGGGTCTGCTCTACAAC
 AAAGCCAGGCAACACCAGCAGGAGGCGCTGCAGAGCCTGGCTGCAGCCACTGGCCGGGCCCCAGACGAC
 ACAGTGGAGCGCTGTTCCACAGGACCCAGGCAGCATCCCTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001110781
Insert Size:	1218 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001110781.2</u>
RefSeq Size:	6042 bp
RefSeq ORF:	1218 bp
Locus ID:	728661
UniProt ID:	<u>Q5CZA4</u>
Cytogenetics:	1p36.33
Protein Families:	Transmembrane
MW:	43.8 kDa
Gene Summary:	Putative transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.