

Product datasheet for **SC309202**

SLC35F3 (NM_173508) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F3 (NM_173508) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35F3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_173508, the custom clone sequence may differ by one or more nucleotides ATGGGGATTTCGAGAGTTTCCCAGCGGCGCACCCAGGGCAAGAGCATTGCCGTTGGCATG AGGAGGTCACCGGACGTACGCCCCGGAGACTGTCCGACATCAGCCCCAGCTCCGGCAG CTCAAGTACTTGGTGGTGACGAGGCGATTAAGGAGGATCTGAAATGGTCGCGCTCCGTG GAGGATCTCACCAGCGGGCCGGTGGGGCTCACGTCCATCGAGGAGCGGATCCTGCGCATC ACTGGCTACTATGGCTACCAGCCCTGGGCAGCGAGCTGCAAAAGGGAGGAGCGCCCCCGG GACTCCCCGGGCCCGGGGAGGCCACCGGCCGGGTGGAGGCCGGCGGGAGAGCG AGTCGCCGCTGCTGGACGTGCTCCCGGGCGCACTCAAGAAGATCTTCTGGGGCGTGGCG GTCGTGCTGTGCGTGTCTCCTCGTGGGCGGGCTCCACGCAGCTCGCCAAGCTGACCTTC AGGAAGTTCGACGCGCCCTTACCCTCACGTGGTTTGCCACCACTGGAACTTTTATTC TTCCCGTTGTACTACGTGGGGCACGTCTGCAAGTCCACAGAGAAGCAGTCTGTGAAGCAG CGATACAGGGAATGCTGTCGATTTTTTGGAGACAATGGCTTGACTTTGAAGGTGTTTTTT ACCAAGGCAGCACCCCTTGGTGTCTTTGGACACTCACAACTACCTGTACTTACATGCA ATAAAGAAAATAAACTACGGATGTCTCCGTGTTGTTCTGCTGCAACAAAGCTTTGTG TTCTTGCTCTCATGGATCGTTCTCAGGGACAGATTCATGGGAGTGAGGATTGTGGCCGCC ATCCTCGCCATCGCTGGCATTGTGATGATGACCTACGCTGATGGCTTCACAGCCACTCC GTCATCGGCATCGCACTGGTGGTGGCCTCAGCATCGATGTCTGCCCTCTACAAGGTTTTG TTCAAGCTCCTCCTGGGCAGTGCTAAGTTTGGAGAAGCCGCTTATTTTTGTCCATCTTG GGTGTGTTTAACATCCTTTCATCACCTGCATTCTATTATCCTTACTTTACCAAAGTG GAATACTGGAGCTCTTTTGATGACATTCATGGGAAACCTTTGTGGATTTTCAGTTCTT TTATTGACATTCAATATTGTATTAATTTTGAATTGCCGTTACATATCCCACTCTGATG TCTCTTGAATCGTCCTCAGCATACCTGTGAATGCAGTGATTGATCACTACACAGTCAG ATCGTCTTCAATGGGGTCCGGGTATCGCCATCATCATCGGCCTGGGTTTTCTCCTC CTGCTCCTGCCAGAGGAGTGGGATGTCTGGTTGATCAAGCTGCTACCCGACTCAAAGTG AGGAAGAAGGAGGAGCCTGCAGAGGGCGCTGCCGACCTGAGCTCAGGACCTCAGAGCAAG AACAGAAGAGCCCGCCCTTCCTTCGCCCCGTAA

Restriction Sites: Please inquire



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ACCN:	NM_173508
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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 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:	NM_173508.1 , NP_775779.1
RefSeq Size:	2893 bp
RefSeq ORF:	1473 bp
Locus ID:	148641
UniProt ID:	Q8IY50
Cytogenetics:	1q42.2
Protein Families:	Transmembrane
Gene Summary:	May be a thiamine transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).