

Product datasheet for **SC336021**

SLC35F3 (NM_001300845) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F3 (NM_001300845) 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:	>SC336021 representing NM_001300845. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAAGAAGCACTCGGCCGGGTGGCCCGCTCAGCGCCTGCAACAGTCCGGTCCTGACCCTTACCAAA
 GTGGAAGGGGAGGAGCGCCCCGGGACTCCCCGGGCCGCGGAGGCCACCGCCGGGTGGAG
 GCCGGCGGAGAGCGAGTCGCGCTGCTGGACGTGCTCCCGGGCGCAACTCAAGAAGATCTTCTGGGGC
 GTGGCGGTGCTGCTGTGCTGCTCCTCGTGGCGGGCTCCACGCAGCTCGCAAGCTGACCTTCAGG
 AAGTTCGACGCGCCCTTACCCTCACGTGGTTTCCACCAACTGGAACCTTTTATTCTCCCGTTGTAC
 TACGTGGGACAGTCTGCAAGTCCACAGAGAAGCAGTCTGTGAAGCAGCGATACAGGGAATGCTGTGCA
 TTTTGTGGAGACAATGGCTTGACTTTGAAGGTGTTTTTACCAAGGCAGCACCTTTGGTGTCTTTGG
 AACTCACAACCTACCTGTACTTACATGCAATAAAGAAAATAAACACTACGGATGTCTCCGTGTTGTTT
 TGCTGCAACAAAGCTTTTGTGTTCTTGCTCTCATGGATCGTTCTCAGGGACAGATTATGGGAGTGAGG
 ATTGTGGCCGCCATCCTCGCCATCGCTGGCATTGTGATGATGACCTACGCTGATGGCTTCCACAGCCAC
 TCCGTATCGGCATCGCACTGGTGGTGGCTCAGCATCGATGTCTGCCCTCTACAAGTTTTGTTCAAG
 CTCCTCTGGGCAGTGCTAAGTTTGGAGAAGCCGCCTATTTTGTCCATCTTGGGTGTGTTAACATC
 CTCTTCATCACCTGCATTCTATTATCTCTACTTTACCAAAGTGAATACTGGAGCTCTTTTGATGAC
 ATTCCATGGGAAACCTTTGTGATTTTCAGTTCTTTTATTGACATTCAATATTGTATTAATTTTGA
 ATTGCCGTTACATATCCCACTCTGATGTCTCTTGAATCGTCCTCAGCATACCTGTGAATGCAGTGATT
 GATCACTACACCAAGTCAGATCGTCTTCAATGGGGTCCGGGTATCGCCATCATCATCGGCCTGGGT
 TTTCTCTCTGCTCCTGCCAGAGGAGTGGGATGTCTGTTGATCAAGCTGCTCACCCGACTCAAAGTG
 AGGAAGAAGGAGGAGCCTGCAGAGGGCGCTGCCGACCTGAGCTCAGGACCTCAGAGCAAGAACAGAAGA
 GCCCGCCCTTCTTCGCCCG**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001300845
Insert Size:	1266 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_001300845.1</u>
RefSeq Size:	2842 bp
RefSeq ORF:	1266 bp
Locus ID:	148641
UniProt ID:	<u>Q8IY50</u>
Cytogenetics:	1q42.2
Protein Families:	Transmembrane
MW:	46.8 kDa
Gene Summary:	May be a thiamine transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.