

Product datasheet for **SC330953**

SLC35A3 (NM_001271684) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC35A3 (NM_001271684) Human Untagged Clone
Tag: Tag Free
Symbol: SLC35A3
Synonyms: AMRS
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330953 representing NM_001271684.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTTCGCCAACCTAAAATACGTTTCCCTGGGAATTTTGGTCTTTCAGACTACCAAGTTTGGTTCTAACA
 ATGCGTTATTCCAGAACTTTAAAGAAGAAGGACCTCGTTATCTATCTTCTACAGCAGTGGTTGTTGCT
 GAACCTTTGAAGATAATGGCCTGCATTTTATTGGTCTACAAAGACAGCAAATGTAGTCTAAGAGCACTG
 AATCGAGTACTACATGATGAAATCTTAATAAACCTATGGAAACACTTAACTTGCTATTCCATCAGGG
 ATCTATACTCTTCAGAATAATTTACTGTATGTGGCACTATCAAATCTAGATGCAGCTACTTATCAGGTC
 ACGTATCAGTTAAAAATCTTACAACAGCATTATTTCTGTGTCTATGCTTAGTAAAAAATGGGTGTA
 TACCAGTGGCTGTCCCTAGTAATTTTGATGACAGGAGTTGCTTTTGTACAGTGGCCCTCAGATTCTCAG
 CTTGATTCTAAGGAACCTTCAGCTGGTTCTCAATTTGTAGGACTCATGGCAGTTCTCACAGCATGTTTT
 TCAAGTGGCTTTGCTGGGGTTTACTTTGAGAAAATCTTAAAGAAACAAAACAATCAGTGTGGATAAGA
 AATATTCAGCTTGTGTCTTTTTCCTTGGAGCCATCCTTGTA

Restriction Sites: SgfI-MluI

ACCN: NM_001271684

Insert Size: 663 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).



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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_001271684.1</u>
RefSeq Size:	5633 bp
RefSeq ORF:	663 bp
Locus ID:	23443
UniProt ID:	<u>Q9Y2D2</u>
Cytogenetics:	1p21.2
Protein Families:	Transmembrane
MW:	24.5 kDa
Gene Summary:	This gene encodes a UDP-N-acetylglucosamine transporter found in the golgi apparatus membrane. In cattle, a missense mutation in this gene causes complex vertebral malformation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012] Transcript Variant: This variant (2) lacks two exons in the coding region, which results in a frameshift and an early stop codon, compared to variant 1. It encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.