

Product datasheet for **MC207457**

Slc35a1 (NM_011895) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc35a1 (NM_011895) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc35a1
Synonyms: AA408150; AI314851
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207457 representing NM_011895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCGGCGAGAAAAATGTCAGTTTATTCTTCAAGCTGACTGCTTGACGGTGATGACTCTGGTGG
 CTGCCGTTACACCGTAGCTTTAAGATACACAAGGACAACAGCTGAAGAACTCTACTTCTCAACCACTGC
 CGTGTGTATCACAGAAGTGATAAAGTTACTGATAAGTGTGGCCGTAGCTAAGGAACTGGCAGTTTG
 GGTAGATTTAAAGCCTCATTAAAGTAAAATGTCTTGGGGAGCCCAAGGAACTGGCGAAGTTGAGTGTGC
 CATCACTAGTGTATGCTGTGCAGAACAAACATGGCCTTCTGGCTCTCAGTAATCTGGATGCAGCAGTGTA
 CCAGGTGACCTATCAACTGAAGATCCCCTGCACTGCTTTATGACTGTTTTAATGTTAAATCGAACACTC
 AGCAAATTACAGTGGATTTCCGTCTTATGCTGTGTGGTGGGTACACTCGTACAGTGGAAACCAGCCC
 AAGCTACAAAAGTCGTGGTAGCGCAGAAATCCATTGTTAGGCTTTGGTGTATAGCTATTGCTGTATTGTG
 CTCTGGATTTGCAGGAGTTTATTTGAAAAAGTCTTAAAGAGTCCGACACTTCCCTTTGGGTGAGAAAC
 ATTCAGATGTATCTGTCAGGGATCGTTGTGACGTTAGCTGGTACCTACTTGTGAGATGGAGCTGAAATTC
 AAGAAAAAGGATTTCTTATGGCTACACGTATTATGCTGGTTTGTATCTTCTGCTAGTGTGGGAGC
 CCTCTACAGTCACTGGTGGTGAAGTATACAGACAACATCATGAAAGGCTTCTCTGCTGCCGACGCCATT
 GTTCTTTCTACCATTTGCTTCACTGCTTGGATTACAGATAACACTTTTCATTTGCACTGGGAGCTC
 TTCTTGTGTGTGTTCCATATATCTCTATGGGTTACCCAGACAAGATACTACATCCATTCAACAAGAAGC
 AACTTCAAAGAGAGAATCATTGGTGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011895



[View online »](#)

Insert Size:	1011 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:	<ol style="list-style-type: none">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_011895.3 , NP_036025.2
RefSeq Size:	2039 bp
RefSeq ORF:	1011 bp
Locus ID:	24060
UniProt ID:	Q61420
Cytogenetics:	4 A5
Gene Summary:	Transports CMP-sialic acid from the cytosol into Golgi vesicles where glycosyltransferases function (PubMed:8755516, PubMed:10085119, PubMed:30985278). Efficient CMP-sialic acid uptake depends on the presence of free CMP inside the vesicles, suggesting the proteins functions as an antiporter (PubMed:30985278). Binds both CMP-sialic acid and free CMP, but has higher affinity for free CMP (PubMed:30985278).[UniProtKB/Swiss-Prot Function]