

Product datasheet for MC213148

Slc35d1 (NM_177732) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc35d1 (NM_177732) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc35d1
Synonyms: AI834976; C330011J09; mKIAA0260; UGTREL7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213148 representing NM_177732
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAAGTCCACAGACGTCAGCATGCTCCGGTTAAAGGAGAAGCCCCGCGAAATCCTCCACACACA
GAGATGAGGAGGAGCTGGGGATGGCGCCGCGCAAACGCTAACGGTGTTCCTGAAGCTGCTGGCCCGCG
TTTCTACGGCGTGAGCTCCTTCCTCATCGTGGTGGTCAACAAGAGCGTGCTCACCAACTACAGATTTCCA
TCCTCGCTATGTGTTGGACTTGGCCAGATGGTGGCCACGGTAGCGTTCTCTGGGTGGGAAAGACTCA
GAGTAGTCAAGTTTCTGACTTCGACAGAAATGTACCTCGAAAGACGTTTCCACTACCTCTACTATATT
TGGGAACCAAATCACGGGACTGTTGAGCACAAGAACTGAACCTGCCATGTTTACAGTTCTGAGAAGG
TTCTCCATTCTGTTTACAATGTTTGCTGAAGGCGCTCTACTCAAGAAGACTTTCTCCTGGGGTATTAAGA
TGACTGTATTTGCAATGATCATCGGAGCCTTCGTAGCTGCCAGCTCTGACTTGGCCTTTGATCTGGAAGG
ATATGTTTTTATTTGATCAATGATGTCCTGACAGCAGCAAATGGTGCATACGTGAAACAGAAGTTAGAT
TCAAAAGAGCTGGGAAAGTATGGCCTGCTCTATTACAATGCACTGTTGATGATTCTGCCACCCTGGCCA
TTGCGTATTTACAGGAGATGCACAAAAGAATATATTAATACTTATATTGGAATGGTCTTTGGTGGAGA
TTATATTTTACATGGACAAATTTTATCGCCTAAATATCAGTATTGCTGGAAGCCTGGTGTACTCTTAC
ATCACTTTACGGAAGAGCAGCTGAGCAAGCAGTCAGAGGCCAGTAAACAGCTGGACACGAAGGGAAAAG
GAGCAGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177732
Insert Size: 921 bp



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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_177732.4 , NP_808400.1
RefSeq Size:	2893 bp
RefSeq ORF:	921 bp
Locus ID:	242585
UniProt ID:	A2AKQ0
Cytogenetics:	4 C6
Gene Summary:	Transports both UDP-glucuronic acid (UDP-GlcA) and UDP-N-acetylgalactosamine (UDP-GalNAc) from the cytoplasm into the endoplasmic reticulum lumen. Plays a role in chondroitin sulfate biosynthesis, which is important for formation of cartilage extracellular matrix and normal skeletal development.[UniProtKB/Swiss-Prot Function]