

Product datasheet for MC207735

Slc35b2 (NM_028662) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc35b2 (NM_028662) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc35b2
Synonyms: 1110003M08Rik; AA407792; AI842275; PAPST1; Slc35b1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207735 representing NM_028662
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTACCTGGCTACCTCCTGGTGCAGTACTTAAGACGGAAGAACTACCTGGAGACAGCCAGGGGTCTCT
 GCTTCCCCCTGGTAAAGCCTGTGTGTTGGCAATGAGCCCAAGGCTCCTGATGAGGTTCTCCTGGCTCC
 GCGGACAGAGACAGCGGAATCCACCCCGTCTTGGCAGGTCTGAAGCTGGTCTTCTGTGCCTCGGGTCTC
 CAGGTGTCTATCTGACTTGGGGCACTATGCAGGAAAGAGTGATGACTGGCAGCTACGGGGCCACAGCCA
 CATCACCAGGAGAGCATTTCACAGACTCCAGTTTCTGGTGTCTGATGAACCGTGTCTGGCGCTGGTTGT
 GGCAGGCCTCTACTGTGTCTGCGCAAGCAGCCCCGTCATGGTGCACCCATGTACCGGACTCCTTTGCC
 AGTCTGTCAAATGTGCTTAGCAGCTGGTGCCAGTATGAAGCACTTAAGTTCGTGACTTCCCTACCCAGG
 TGCTGGCGAAGGCCTCCAAGGTGATCCCTGTGATGATGATGGGAAAGCTGGTGTCCCGGCGCAGCTATGA
 AACTGGGAATACCTGACTGCCGGCCTCATCTCCATTGGAGTGAGCATGTTTCTTCTATCCAGTGGACCA
 GAGCCTAGAAGCTCTCCAGCCACCACACTCTCTGGCTTGGTCTACTGGCAGGCTATATTGCTTTGACA
 GCTTACCTCAAATTGGCAGGATGCCCTGTTTGCCTATAAGATGTCATCGGTGCAGATGATGTTTGGGGT
 CAATTTATTCTCCTGTCTTTTACAGTAGGCTCACTACTGGAACAGGGGGCCCTACTGGAGGGGGCACGC
 TTCATGGGGCGGCACAGTGAGTTTGGCGCTCATGCTCTCCTCCTCCTCATCTGCTCCGCCTTTGGGCAGC
 TCTTCACTTCTACACATTGGACAATTTGGAGCTGCTGTCTTCACTATCATCATGACTCTACGCCAGGC
 TATTGCCATCCTCCTCCTGCCTCTATGGCCATACTGTCACTGTGGTGGGGGACTGGGAGTAGCT
 GTGGTCTTCACTGCCCTCCTACTCAGAGTCTATGCCCGGGGCCGGAAGCAGCGGGAAAGAAGGCTGTGC
 CCACTGAGCCCCCAGTACAGAAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_028662
Insert Size:	1149 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:	<u>NM_028662.2</u> , <u>NP_082938.1</u>
RefSeq Size:	2138 bp
RefSeq ORF:	1149 bp
Locus ID:	73836
Cytogenetics:	17 B3
Gene Summary:	Mediates the transport of adenosine 3'-phospho 5'-phosphosulfate (PAPS), from cytosol into Golgi. PAPS is a universal sulfuryl donor for sulfation events that take place in the Golgi (By similarity).[UniProtKB/Swiss-Prot Function]