

Product datasheet for **MC200414**

Slc35b3 (NM_134060) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35b3 (NM_134060) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc35b3
Synonyms:	4921526O06Rik; AI428480; CGI-19; PABST2; PAPST2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC006881 sequence for NM_134060

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>BC006881 sequence for NM_134060
GGCGCGCAGGGTCCGGCGTGTGAAGACCTTCCGGGGAGGTGGCGGCCGAGGCGGCCGTGCGGGGAGCAGA
CCCGGAGCGGAGACGGAGACCGAGGAGGTGACAGCGGCGGAGCTGGGAGGCCAGCCAGCAGAGAAGAAAG
ACAGGACGAAGCATCCGAAAAGAGCAGAGACCAAGTTGACAGGCCTTGACTGTGGCAGAGCAGAAACAATG
GACCTCAAGTTCAACAACCTCCAGGAAGTATGTCTCCATCTCAGTGCCCTCCAAAACGCAGGCCATGTCGC
CGCATATCAAGTCAGTTGAGGACGTCGTGGTGTGGGCGTGAACCTCAGCAAGTTTAGCAAGCTCACACA
GTTTCTCATCTGTGTGGCTGGAGTTTTGTATTTTACCTAATTTATGGATACTTACAGGAGCTGATCTTT
TCAGTGGAAGGCTTTAAGCCTTACGGCTGGTACCTTACCTTAGTGCAGTTTGCCTTTTACTCCGTATTTG
GCCTAATCGAGCTACAGCTCACTCAGGACAGAAGGAGAAGAATACCAGGAAAAACCTACATGCTAATAGC
TTTTCTAACTGTGGTACTATGGGCTTATCAAACACTTCCTTGGGCTACCTGAATTACCCAACCCAAGTC
ATCTTCAAGTGCTGCAAACTGATTCCTGTTATGCTAGGAGGAGTTTTTATTCAAGGAAAGCGGTACAACC
TTGCAGATGTGTCTGCCGAGTGTGCATGAGCCTGGGCCTGATCTGGTTTACCCTCGCTGACAGCACAAT
TGACACCAAACCTTAATCTGACAGGTGTGATGCTTATCTCCCTGGCGCTGTGTGCAGACGCTGTCATTGGG
AACGTTACAGGAGAAGGCCATGAAACTGCACAATGCTTCCAACCTCGGAGATGGTTTTGTATTCCTACTCAA
TCGGGTTTGTGTACATTTTGTGGGACTGTCATGCACTAGTGGACTGGGCCCTGCAGTGGCATTTTGTTC
AAAGAACCCTGTTGGGACTTACGGCTACGCCTTCTGTTTTCCCTCACTGGATACTTTGGGATCTCCTTT
GTTCTGGCCCTCATTAATAATCTTCGGTGCACTTCTGGCTGTAACAGTGACAACAGGAAGGAAAGCAATGA
CCGTTGTCCTGTCCTTCTGTTCTTGTAAAGCCGTTCACTTTTCAGTATATATGGTCTGGCTTGTAGT
TGTCTTGGCATATTTCTCAATGTTTACAGCAAAAATATGGATAAAATAAGATTGCCATCGGTGTACAAC
ATGATAAAGAAAGCCATGGACATGAAAAAGTCAAGGACGTTGGCACAGACTGTGTAGGAACTGCGTTCTC
CTATTTAAAAATAAAGCTCTGTGGGAACAACCTTAATCAATTCACTTTGCAAAGGCTTGTGATACAAACC
AAAGGATCTGAAGGCCGCTGTCAGATGAGCAGATTGTACATCCAGTGGTTCCTTGGCATCCACCTTACA
GAATACAGGCTTTTGTCAACTCCAAATGATCAAGAGCCACACCTAGGACGTGTTGCAATAAAGTCAGT
ATGAAGGAAAGTGCTTCCTAGCAATGTTCTGAACATTTCACTGGAATGGACCGTGTGTAAGACTGATT
GGAAATCCTCCCAGCCTGCAGCGCGGTACTGAGTGGCACTGTGTCTCCATTCCGTTTTGCTGGTGTATT
TAAATTCTTCTGTTATAAGAGTGAAGTATGATTTGAAGTGTAGAGAAAAATACCATTCAATTTATAAAT
AAAATTATCCTGTGATTTTTTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_134060
Insert Size:	1110 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>BC006881</u> , <u>AAH06881</u>
RefSeq Size:	1800 bp
RefSeq ORF:	1110 bp
Locus ID:	108652
UniProt ID:	<u>Q922Q5</u>
Cytogenetics:	13 A3.3
Gene Summary:	<p>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. Compensates for the insufficient expression of SLC35B2/PAPST1 during the synthesis of sulfated glycoconjugates in the colon (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All three variants encode the same protein.</p>