

## Product datasheet for **SC325051**

### SLC35B3 (NM\_001142541) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35B3 (NM_001142541) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35B3
Synonyms:	C6orf196; CGI-19; PAPST2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325051 representing NM_001142541. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTTGACACAGCAAGCAAAAGACATACAGAACATAACAGTCCAGGAAACCAACAAAAATAACTCT
GAAAGCATTGAATGCAGCAAAAATAACAATGGATCTCAAGTTCAACAATCCAGGAAATATATTTCTATC
ACTGTGCCATCCAAAACCAACAATGTCACCACACATCAAGTCCAGTTCAGCAGCTTGTGGTACTTGGC
ATGAATCTCAGCAAGTTTAAACAATTTACTCAGTTTTTCATATGTGTGCTGGAGTTTTGTATTTTAC
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ACCTTAGTGCAGTTTGCCTTTTACTCCATATTTGGCCTAATAGAATTCAGCTTATTCAGGACAAAAGG
AGGAGAATACCAGGAAAACCTACATGATAATAGCTTTTCTAACTGTGGTACTATGGGGTTATCAAAC
ACTTCCTTGGGCTACCTGAATTACCTACCCAAGTCATCTTCAAGTGTGCAAAATGATTCTGTATG
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AATGCTTCTAATTCTGAAATGGTATTGTATTCTGATTCAATTGGTTTTGTATACATTTTACTGGGATTG
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GCTAAACCATTACGTTTTAGTATGATGGTCTGGTTTGTAGTTGTCCTTGGTATATTTCTTAATGTT
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AGAAAGTCAAGGACGCTGGCACAGACTGTATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001142541
<b>Insert Size:</b>	1206 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001142541.2</a></u>
<b>RefSeq Size:</b>	1860 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	51000
<b>UniProt ID:</b>	<u><a href="#">Q9H1N7</a></u>
<b>Cytogenetics:</b>	6p24.3
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	44.6 kDa
<b>Gene Summary:</b>	<p>This gene is a member of the solute carrier family. The encoded protein is involved in the transport of 3-prime phosphoadenosine 5-prime phosphosulfate (PAPS) from the nucleus or the cytosol to the Golgi lumen. This gene has been reported to be expressed preferentially in the human colon tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.</p>