

Product datasheet for **SC324413**

SLC35B3 (NM_015948) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35B3 (NM_015948) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35B3
Synonyms:	C6orf196; CGI-19; PAPST2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_015948.2
GACGCCACGCAGGCTGCCGTACCCCTTCCGGGTGACATACCGGCCTTGGGGTACGCGTGC
CTTCGGGGCCTTTCTGTGTTTGGGACCCAGATCTCCTCTCCTCCAGAAAACCTTGACAC
TGCCCATCTTCTCATCCAGAAGGAGCGTTTCGAGGAATGGATGAGGTGCGGGTGGAGAA
ACGGGTGATTCCCTTTTTTTGAAAGAGCGGAAACCGGCCGGCGGTTTCCAGGGAGGAGC
ATCTGTTCTCTCGCCCGTTTTTCGCCCTCGGGCTGGCGAGAACTCCCTCAGGTCCCAA
TCCGTGGACTCGCAGGGCCATGATTGATTCCGGAGCGCAGTTAATCAAGGCATAATGGC
ATGGACTTGACACAGCAAGCAAAAGACATACAGAACATAACAGTCCAGGAAACCAACAAA
AATAACTCTGAAAGCATTGAATGCAGCAAAATAACAATGGATCTCAAGTTCAACAATTCC
AGGAAATATATTCTATCACTGTGCCATCCAAAACCCAAACAATGTCACCACACATCAAG
TCAGTTGACGACGTTGTGGTACTTGGCATGAATCTCAGCAAGTTTAACAACTTACTCAG
TTTTTCATATGTGTGCTGGAGTTTTGTATTTTACCTAATTTATGGGTATTTACAGGAA
TTAATATTTTCAGTGGAGGGTTTTAAGTCTGTGGCTGGTACCTTACCTTAGTGCAGTTT
GCCTTTTACTCCATATTTGGCCTAATAGAACTTCAGCTTATTCAGGACAAAAGGAGGAGA
ATACCAGGAAAAACCTACATGATAATAGCTTTTCTAACTGTGGTACTATGGGGTTATCA
AACACTTCCTTGGGCTACCTGAATTACCTACCCAAGTCATCTCAAGTGTGCAAAATTG
ATTCCTGTTATGCTAGGAGGAGTTTTTATTCAAGGAAAGCGTTATAATGTTGCAGATGTG
TCTGCTGCCATATGTATGAGCCTTGGCCTGATATGGTTTACCCTCGCTGACAGCACAAC
GCACCAAAATTTCAACCTGACGGGTGTGGTGCTTATTTCCCTGGCACTATGTGCAGATGCC
GTCATTGGAAATGTTCAAGAGAAAGCTATGAACTTCATAATGCTTCTAATTTCTGAAATG
GTATTGTATTCGATTCAATTGGTTTTGTATACATTTTACTGGGATTGACATGCACTAGT
GGATTAGGCCCTGCAGTAACATTTTGTGCAAAGAATCCAGTTCGGACCTATGGTTATGCG
TTCTTTTTTCCCTCACTGGATATTTTGAATCTCCTTTGTTCTGGCTTTGATTAAAAAT
TTTGCTGCACTTATTGCTGTAACAGTGACAACAGGAAGAAAAGCAATGACCATTGTACTT
TCGTTTATATTCTTGTAAACCATTACGTTTTAGTATGTATGGTCTGGTTTGTAGTT
GTCCTTGGTATATTTCTCAATGTTTACAGCAAAATATGGATAAAATAAGACTACCATCA
CTGTATGATTTGATAAACAATCAGTGGAAGCAAGAAAGTCAAGGACGCTGGCAGACT
GTATAGACAGTGATTGCTCTATTTAAAATAGAATTTTAAGGGAACAATCATCAATTAATT
AACTTTCCAAAGGACTGATAAAAACCAAGGATCTGGAGGCATTGCTATCCCATTTGTG
GGCAGATTTTCATATGAAGTTGTTTTGCGGTGTCAGCCTTTTCTCAGAGCATTGTGTTGA
CTGACTTCCAAAGCAATCAAGAGAGCCACGTCTAGCAGACTTTACAATAAAATGTCAATA
TGAAGGACTGTAATTCCTAGCAGTTTATTGAGAAATTTCACTGGAAATGGACCATGTGTTG
CAAGACTAATTGGCTATAATTATATCCTATCAAAGAAATCGATACGTAATAGCAGATTGT
TTTATATTCATTCCATTTTGATGGTGTTATTTAAATTGATTCTCTGTATAAGAGTAAAC
TGATGAGTTGAAGTCTGGAGAGAATAACATTATTATAAATAAAATTATCTGTGATCTT
TAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015948

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).

OTI Annotation: 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.

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:

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_015948.2](#), [NP_057032.2](#)

RefSeq Size: 2068 bp

RefSeq ORF: 1206 bp

Locus ID: 51000

UniProt ID: [Q9H1N7](#)

Cytogenetics: 6p24.3

Protein Families: Transmembrane

Gene Summary: 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]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.