

## Product datasheet for **RG202660**

### SLC35B3 (NM\_015948) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SLC35B3 (NM\_015948) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** SLC35B3  
**Synonyms:** C6orf196; CGI-19; PAPST2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG202660 representing NM\_015948  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACTTGACACAGCAAGCAAAAGACATACAGAACATAACAGTCCAGGAAACCAAAAAATAACTCTG  
AAAGCATTGAATGCAGCAAAATAACAATGGATCTCAAGTTCACAATTCCAGGAAATATATTTCTATCAC  
TGTGCCATCCAAAACCAACAATGTCACCACACATCAAGTCAGTTGACGACGTTGTGGTACTTGGCATG  
AATCTCAGCAAGTTAAACAACTTACTCAGTTTTTCATATGTGTTGCTGGAGTTTTGTATTTTACCTAA  
TTTATGGGTATTTACAGGAATTAATATTTTCAGTGGAGGGTTTTAAGTCCTGTGGCTGGTACCTTACCTT  
AGTGCAGTTTGCCTTTTACTCCATATTTGGCCTAATAGAACTTCAGCTTATTCAGGACAAAAGGAGGAGA  
ATACCAGGAAAAACCTACATGATAATAGCTTTTCTAACTGTGGTACTATGGGGTTATCAAAACCTTCTT  
TGGGCTACCTGAATTACCTACCCAAGTCATCTTCAAGTGTGCAAAATTGATTCTCTGTTATGCTAGGAGG  
AGTTTTTATTCAAGGAAAGCGTTATAATGTTGCAGATGTGTCTGCTGCCATATGTATGAGCCTTGGCCTG  
ATATGGTTTACCCTCGCTGACAGCACAACCTGCACCAATTTCAACCTGACGGGTGTGGTCTTATTTCC  
TGGCACTATGTGCAGATGCCGTCATTGGAATGTTCAAGAGAAAGCTATGAACTTCATAATGCTTCTAA  
TTCTGAAATGGTATTGTATTTCGATTCAATTTGGTTTTGTATACATTTTACTGGGATTGACATGCCTAGT  
GGATTAGGCCCTGCAGTAACATTTTGTGCAAGAATCCAGTTCGGACCTATGGTTATGCGTTCCTTTTT  
CCCTCACTGGATATTTTGAATCTCCTTTGTTCTGGCTTTGATTAATAATTTTGGTGCACCTATTGCTGT  
AACAGTGACAACAGGAAGAAAAGCAATGACCATTGTAATTTCTGTTTATATTCTTTGCTAAACCATTACAG  
TTTCAGTATGTATGGTCTGGTTTGTAGTTGCTCTTGGTATATTTCTCAATGTTTACAGCAAAAATATGG  
ATAAAAATAAGACTACCATCACTGTATGATTTGATAAACAATCAGTGGAAGCAAGAAAGTCAAGGACGCT  
GGCACAGACTGTA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG202660 representing NM\_015948  
 Red=Cloning site Green=Tags(s)

MDLTQQAKDIQNITVQETNKNNSSEIECSKITMDLKFNNRKYISITVPSKTQTMSPHIKSVDDVVVLGM  
 NLSKFNKLTQFFICVAGVFVYLIYGYLQELIFSVEGFKSCGWYTLVQFAFYSIFGLIELQLIQDKRRR  
 IPGKTYMIIAFLTVGTMGLSNTSLGYLNYPYQVIFKCKLIPVMLGGVF IQGKRYNVADVSAICMSLGL  
 IWFTLADSTTAPNFNL TGVVLLISLALCADAVIGNVQEKAMKLNASNSEMVLYSYSIGFVYILLGLTCTS  
 GLGPAVTFCAKNPVRTYGYAFLFSLTGYFGISFVLALIKIFGALIAVTVTTRKAMTIVLSFIFFAKPFT  
 FQYVWSGLLVVLGIFLNYSKNMDKIRLPSLYDLINKSVEARKSRTLAQTV

TRTRPLE - GFP Tag - V

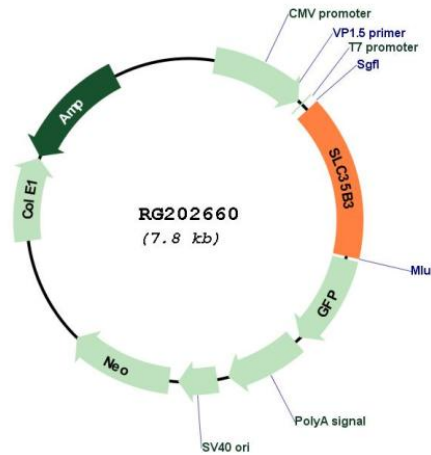
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_015948

<b>ORF Size:</b>	1203 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_015948.2</a> , <a href="#">NP_057032.2</a>
<b>RefSeq Size:</b>	2068 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	51000
<b>UniProt ID:</b>	<a href="#">Q9H1N7</a>
<b>Cytogenetics:</b>	6p24.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	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]