

## Product datasheet for **SC208236**

### SLC35B2 (NM\_178148) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | SLC35B2 (NM_178148) Human 3' UTR Clone   |
| Symbol:                   | SLC35B2  |
| Synonyms:                 | PAPST1; SLL; UGTrel4   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_178148  |
| Insert Size:              | 635 bp   |
| Insert Sequence:          | >SC208236 3'UTR clone of NM_178148<br>The sequence shown below is from the reference sequence of NM_178148. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGTTGAGTCTCCTGTGCAGAAGGTTTGAGGGTGGAAAGGGCCTGAGGGGTGAAGTGAAATAGGACCC
TCCACCATCCCCTTCTGCTGTAACTCTGAGGGAGCTGGCTGAAAGGGCAAAATGCAGGTGTTTTCTC
AGTATCACAGACCAGCTCTGCAGCAGGGGATTGGGGAGCCAGGAGGCAGCCTTCCCTTTTGCCTTAAG
TCACCCATCTTCCAGTAAGCAGTTTATTCTGAGCCCCGGGGTAGACAGTCCTCAGTGAGGGGTTTTGG
GGAGTTTGGGGTCAAGAGAGCATAGGTAGTTCCAGTTACTCTTCCACAAGTTCCTTAAGTCTTGCC
CTAGCTGTGCTCTGCCACCTTCCAGACTCACTCCCTCTGCAAATACCTGCATTTCTTACCTGGTGAG
AAAAGCACAAGCGGTGTAGGCTCCAATGCTGCTTTCCAGGAGGGTGAAGATGGTGTGCTGAGGAA
AGGGGATGCAGAGCCCTGCCAGCACCACCTCCTATGCTCCTGGATCCCTAGGCTCTGTTCCATGA
GCCTGTTGCAGTTTTGGTACTTTAGAAATGTAACTTTTTGTCTTATAATTTTATTTTAAATTA
ATTACTGCAGTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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|--------------------|--|
| Restriction Sites: | Sgfl-MluI  |
| OTI Disclaimer:    | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs). |



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|                    |   |
|--------------------|---|
| <b>Components:</b> | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.  |
| <b>RefSeq:</b>     | <a href="#">NM_178148.4</a>   |
| <b>Summary:</b>    | Sulfotransferases (e.g., SULT4A1; MIM 608359) use an activated form of sulfate, 3-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS), as a common sulfate donor for sulfation of glycoproteins, proteoglycans, and glycolipids in the endoplasmic reticulum and Golgi apparatus. SLC35B2 is located in the microsomal membrane and transports PAPS from the cytosol, where it is synthesized, into the Golgi lumen (Kamiyama et al., 2003 [PubMed 12716889]).[supplied by OMIM, Mar 2008] |
| <b>Locus ID:</b>   | 347734  |
| <b>MW:</b>         | 22.8  |