

Product datasheet for **RC206864L4V**

SLC35B2 (NM_178148) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC35B2 (NM_178148) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC35B2
Synonyms:	PAPST1; SLL; UGTrel4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178148
ORF Size:	1296 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206864).
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_178148.1 , NP_835361.1
RefSeq Size:	2084 bp
RefSeq ORF:	1299 bp
Locus ID:	347734
UniProt ID:	Q8TB61
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Transmembrane
MW:	47.5 kDa



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Gene Summary:

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]