

Product datasheet for **RC217638L2V**

OST beta (SLC51B) (NM_178859) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | OST beta (SLC51B) (NM_178859) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | OST beta |
| Synonyms: | OSTB; OSTBETA |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_178859 |
| ORF Size: | 384 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC217638). |
| 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_178859.2 |
| RefSeq Size: | 940 bp |
| RefSeq ORF: | 387 bp |
| Locus ID: | 123264 |
| UniProt ID: | Q86UW2 |
| Cytogenetics: | 15q22.31 |
| Protein Families: | Transmembrane |
| MW: | 14.3 kDa |


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Gene Summary:

Essential component of the Ost-alpha/Ost-beta complex, a heterodimer that acts as the intestinal basolateral transporter responsible for bile acid export from enterocytes into portal blood. Efficiently transports the major species of bile acids. Modulates SLC51A glycosylation, membrane trafficking and stability activities.[UniProtKB/Swiss-Prot Function]