

Product datasheet for **RC200672L2V**

DDOST (NM_005216) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | DDOST (NM_005216) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | DDOST |
| Synonyms: | AGER1; CDG1R; GATD6; OKSWcl45; OST; OST48; WBP1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_005216 |
| ORF Size: | 1368 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200672). |
| 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_005216.4 , NP_005207.2 |
| RefSeq Size: | 2144 bp |
| RefSeq ORF: | 1320 bp |
| Locus ID: | 1650 |
| UniProt ID: | P39656 |
| Cytogenetics: | 1p36.12 |
| Domains: | DDOST_48kD |
| Protein Families: | Transmembrane |



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Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

MW: 50.7 kDa

Gene Summary: This gene encodes a component of the oligosaccharyltransferase complex which catalyzes the transfer of high-mannose oligosaccharides to asparagine residues on nascent polypeptides in the lumen of the rough endoplasmic reticulum. The protein complex co-purifies with ribosomes. The product of this gene is also implicated in the processing of advanced glycation endproducts (AGEs), which form from non-enzymatic reactions between sugars and proteins or lipids and are associated with aging and hyperglycemia. [provided by RefSeq, Jul 2008]