

Product datasheet for **RC203333L3V**

SOSTDC1 (NM_015464) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SOSTDC1 (NM_015464) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SOSTDC1 |
| Synonyms: | CDA019; DAND7; ECTODIN; USAG1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_015464 |
| ORF Size: | 618 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC203333). |
| 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_015464.2 |
| RefSeq Size: | 1883 bp |
| RefSeq ORF: | 621 bp |
| Locus ID: | 25928 |
| UniProt ID: | Q6X4U4 |
| Cytogenetics: | 7p21.2 |
| Protein Families: | Secreted Protein |
| MW: | 23.3 kDa |



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Gene Summary:

This gene is a member of the sclerostin family and encodes an N-glycosylated, secreted protein with a C-terminal cystine knot-like domain. This protein functions as a bone morphogenetic protein (BMP) antagonist. Specifically, it directly associates with BMPs, prohibiting them from binding their receptors, thereby regulating BMP signaling during cellular proliferation, differentiation, and programmed cell death. [provided by RefSeq, Jul 2008]