

Product datasheet for RC217648L1V

OriGene Technologies, Inc.

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Sclerostin (SOST) (NM_025237) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Sclerostin (SOST) (NM 025237) Human Tagged ORF Clone Lentiviral Particle

Symbol: Sclerostin

Synonyms: CDD; DAND6; SOST1; VBCH

Mammalian Cell

Selection:

ACCN:

None

NM 025237

Vector: pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK

ORF Size: 639 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC217648).

Sequence:

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.

RefSeg: NM 025237.2

 RefSeq Size:
 2322 bp

 RefSeq ORF:
 642 bp

 Locus ID:
 50964

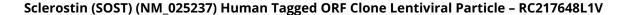
 UniProt ID:
 Q9BQB4

 Cytogenetics:
 17q21.31

Protein Families: Druggable Genome, Secreted Protein

MW: 21.5 kDa







Gene Summary:

Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder, sclerosteosis, which causes progressive bone overgrowth. A deletion downstream of this gene, which causes reduced sclerostin expression, is associated with a milder form of the disorder called van Buchem disease. [provided by RefSeq, Jul 2008]