

SOSTDC1 recombinant protein

SOSTDC1, 24-206aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48792	HOST E Coli	APPLICATIONS SDS-Page
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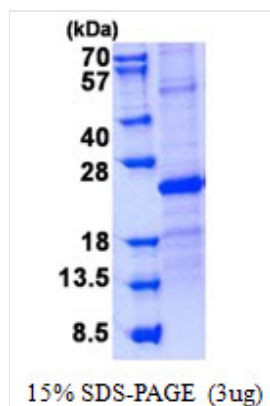
PRODUCT SYNONYMS

SOSTDC1; 24-206aa; Human; His tag; E Coli (Denatured); Sclerostin domain-containing protein 1; CDA019; ECTODIN; uSAG1; SOSTDC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSFKNDAT ILYSHVVKPV PAHPSSNSTL NQARNGGRHF SNTGLDRNTR VQVGCRELRS TKYISDGQCT SISPLKELVC AGECLPLPVL PNWIGGGYGT KYWSRRSSQE WRCVNDKTRT QRIQLQCQDG STRTYKITVV TACKCKRYTR QHNESSHNFE SMSPAKPVQH HRERKRASKS SKHSMS
Sequence Length	206
Applicable Applications for SOSTDC1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SOSTDC1 recombinant protein	SOSTDC1 is a member of the sclerostin family and 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. Recombinant human SOSTDC1 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for SOSTDC1 recombinant protein	Signal Transduction
References	Yanagita M, Oka M, et al. (2004). Biochem Biophys Res Commun. 316 (2):490-500.; Goto M, et al. (2004). J Biol Chem. 279 (40):42128-38.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943785
NCBI GeneID	25928
NCBI Accession #	NP_056279
NCBI GenBank Nucleotide #	NM_015464.2
UniProt Accession #	Q6X4U4 ; Q96HJ7 ; Q9Y3U3 ; A8MUA6
Molecular Weight	23kDa (206aa)
NCBI Official Full Name	sclerostin domain-containing protein 1
NCBI Official Synonym Full Names	sclerostin domain containing 1
NCBI Official Symbol	SOSTDC1
NCBI Official Synonym Symbols	DAND7; USAG1; CDA019; ECTODIN
NCBI Protein Information	sclerostin domain-containing protein 1
UniProt Protein Name	Sclerostin domain-containing protein 1
UniProt Gene Name	SOSTDC1
UniProt Synonym Gene Names	USAG1; Ectodin; USAG-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.