



Recombinant Mouse Sclerostin domain-containing protein 1 (Sostdc1)

Product Code	CSB-YP866588MO
Abbreviation	Sostdc1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9CQN4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	FKNDATE ILYSHVVKPV PAHPSSNSTL NQARNGGRHF SSTGLDRNSR VQVGCRELRS TKYISDGQCT SISPLKELVC AGECLPLPVL PNWIGGGYGT KYWSRRSSQE WRCVNDKTRT QRIQLQCQDG STRTYKITVV TACKCKRYTR QHNESSHNFE SVSPAKPAQH HRERKRASKS SKHSLs
Source	Yeast
Target Names	Sostdc1
Protein Names	Recommended name: Sclerostin domain-containing protein 1 Alternative name(s): Ectodermal BMP inhibitor Short name= Ectodin Sclerostin-like protein Uterine sensitization-associated gene 1 protein Short name= USAG-1
Expression Region	24-206
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



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