Active Recombinant Human SOSTDC1

Cat. No. SOSTDC1-691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOSTDC1 (Accession # NP_056279) Phe24-Ser206, fused with an N-terminal Met, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe24-Ser206
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in HCl.
Bio-activity	Measured by its binding ability in a functional ELISA.When Recombinant Human (rh) USAG1 is coated at 2 μg/mL (100 μl/well), the concentration of rhLRP-6 Fc Chimera that produces 50% of the optimal binding response is found to be approximately 0.4 - 2 μg/mL.
Molecular Mass	Recombinant Human SOSTDC1, Met-tagged has a calculated MW of 20.9 kDa. In SDS-PAGE migrates as 21 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	SOSTDC1 sclerostin domain containing 1 [Homo sapiens]
Official Symbol	SOSTDC1
Synonyms	SOSTDC1; sclerostin domain containing 1; sclerostin domain-containing protein 1; DKFZp564D206; ectodin; USAG1; ectodermal BMP inhibitor; cystine-knot containing secreted protein; uterine sensitization-associated protein-1; CDA019; ECTODIN;
Gene ID	25928
mRNA Refseq	NM_015464
Protein Refseq	NP_056279
MIM	609675
UniProt ID	Q6X4U4
Chromosome Location	7p21.2

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