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SOSTDC1, 24-206aa, Human, His tag, E.coli

产品货号: TP04007

第三版

别名: Sclerostin domain-containing protein 1, CDA019, ECTODIN, USAG1

描述: 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.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 23kDa (206aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSKFNDATEILYSHVVKPVPAHPSSNSTLNQARNNGGRHFSNTGLDRNTRVQVGCREL  
RSTKYISDGQCTSISPLKELVCAGECLPLVLPNWIGGGYGTKYWSRRSSQEWRCVNDKTRTQRIQLQCQDQDSTRTYKITV  
VTACKCKRYTRQHNESSHNFESMSPAKPVQHHRERKRASKSSKHSMS

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.