

## Product datasheet for **AR50729PU-N**

### SOSTDC1 / USAG1 (24-206, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SOSTDC1 / USAG1 (24-206, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFKNDAT E ILYSHVVKPV PAHPSSNSTL NQARNGGRHF SNTGLDRNTR VQVGCRELRS TKYISDGQCT SISPLKELVC AGECLPLPVL PNWIGGGYGT KYWSRRSSQE WRCVNDKTRT QRIQLQCQDG STRTYKITVV TACKCKRYTR QHNESSHNF E SMSPAKPVQH HRERKRASKS SKHSMS
Tag:	His-tag
Predicted MW:	23 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SOSTDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_056279</a>
Locus ID:	25928
UniProt ID:	<a href="#">Q6X4U4</a> , <a href="#">A4D125</a>
Cytogenetics:	7p21.2
Synonyms:	CDA019; DAND7; ECTODIN; USAG1



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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Secreted Protein

**Product images:**