

# Product information



## SAMD13, 1-102aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1909

**Full name:** Sterile alpha motif domain containing 13

**NCBI Accession No.:** NP\_001128136

**Synonyms:** RP11-376N17.1, HSD-42, HSD42

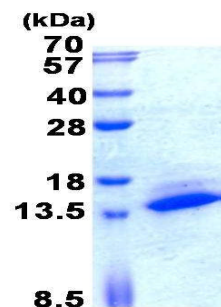
**Description:** SAMD13 is a putative protein interaction module present in a wide variety of proteins involved in many biological processes. SAMD13 contains 1 SAM (sterile alpha motif) domain. The SAM domain that spreads over around 70 residues is found in diverse eukaryotic organisms. SAM domains have been shown to homo- and hetero-oligomerise, forming multiple self-association architectures and also binding to various non-SAM domain-containing proteins, nevertheless with a low affinity constant. Recombinant human SAMD13 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl,  
50% glycerol, 1mM DTT

**Molecular Weight:** 13.8 kDa (125aa), confirmed by MALDI-TOF

**Purity:** >90 % by SDS - PAGE

**Concentration:** 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMLSVDME NKENGSVGK NSMENGRPPD PADWAVMDVV NYFRTVGFEE QASAFQEQE I DGKSLLLMTR  
NDVLTGLQLK LGPALKIY EY HVKPLQTKHL KNNSS

### General references:

Pawson T., *et al.* (1999) *Nat. Struct. Biol.* 1:44-49

Simon J., *et al.* (1997) *Mol. Cell. Biol.* 11:6683-6692

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

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