

AR50733PU-S**Human SAMD13 (1-102, His-tag) - Purified****Alternate names:**

HSD-42, HSD42, RP11-376N17.1

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q5VXD3](#)**NCBI:**[NP_001128136.1](#)**GeneID:**[148418](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT**Description:**

Recombinant human SAMD13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:MGSSHHHHHH SSGLVPRGSH MGSMLSVDME NKENGSVGK NSMENGRPPD PADWAVMDVV
NYFRTVGFEE QASAFQEQEI DGKSLLLMTR NDVLTGLQLK LGPALKIYIY HVKPLQTKHL KNNSS**Molecular weight:** 13.8 kDa (125aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

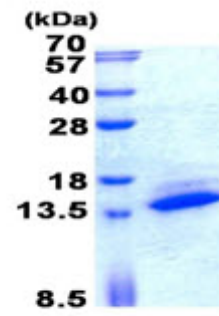
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Pawson T., et al. (1999) Nat. Struct. Biol. 1:44-49 Simon J., et al. (1997) Mol. Cell. Biol. 11:6683-6692

Pictures:



15% SDS-PAGE (3ug)