SAMD13, 1-102aa, Human, His tag, E.coli

Cat.NO.: TP03847

3th Edition

Synonyms: Sterile alpha motif domain containing 13, 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

Sequences:
MGSSHHHHHHSSGLVPRGSHMGSMLSVDMENKENGSVGVKNSMENGRPPDPADWAVMDVVNYFRTVGFEEQA
SAFQEQEIDGKSLLLMTRNDVLTGLQLKLGPALKIYEYHVKPLQTKHLKNNSS

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.