

32-4765: Recombinant Human Sterile Alpha Motif Domain Containing 13

Alternative Name : Sterile alpha motif domain-containing protein 13, SAM domain-containing protein 13, SAMD13, HSD-42, HSD42, RP11-376N17.1.

Description

Source : Escherichia Coli. SAMD13 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 125 amino acids (1-102 a.a) and having a molecular mass of 13.8kDa. SAMD13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Sterile Alpha Motif Domain Containing 13 (SAMD13) is a putative protein interaction module which is present in various proteins involved in numerous biological processes. SAMD13 contains one SAM (sterile alpha motif) domain. The SAM domain, which spreads over around 70 residues, is found in various eukaryotic organisms. SAM domains are known to homo- and hetero-oligomerise, forming multiple self-association constructions and also binding to various non-SAM domain-containing proteins, however with a low affinity constant.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : SAMD13 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMLSVDME NKENG SVGVK NSMENGRPPD PADWAVMDVV NYFRTVGFEQ QASAFQEQEI DGKSLLMTR NDVLTGLQLK LGPALKIY EY HVKPLQTKHL KNNSS.

