

Sterile Alpha Motif Domain Containing 13 Human Recombinant

Item Number	rAP-4366
Synonyms	Sterile alpha motif domain-containing protein 13, SAM domain-containing protein 13, SAMD13, HSD-42, HSD42, RP11-376N17.1.
Description	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.
Uniprot Accession Number	Q5VXD3
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLSVDME NKENGSVGK NSMENGRPPD PADWAVMDVV NYFRTVGFEE QASAFQEQEI DGKSLLLMTR NDVLTGLQLK LGPALKIY EY HVKPLQTKHL KNNSS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	SAMD13 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**