
Product Data Sheet

Product Name: SAMD13 Human
 Cat. No.: GP24487
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Sterile alpha motif domain-containing protein 13; SAM domain-containing protein 13; SAMD13; HSD-42; HSD42; RP11-376N17.1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMLSVDME NKENG SVGVK NSMENGRPPD PADWAVMDVV NYFRTVGFEE QASAFQEQEI DGKSLLLMTR NDVLTGLQLK LGPALKIY EY HVKPLQTKHL KNNSS.		
Formulation	SAMD13 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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proprietary chromatographic techniques.

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