9051 Mira Mesa Blvd, #910094
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SAMSN1 Human

SAM Domain SH3 Domain and Nuclear Localization Signal 1 Human Recombinant RCP1987

Product Overview

Name	SAMSN1 Human
Description	
SAM Domain SH3 Domain and Nuclear Localization Signal 1 Human Recombinant	
Accession (Primary)	Q9NSI8
Synonyms	
HACS1, NASH1, SASH2, SH3D6B, SLy2, SAM domain-containing protein SAMSN-1, Hematopoietic adaptor containing SH3 and SAM domains 1, Nash1, SAM domain, SH3 domain and nuclear localization signals protein 1, SH3-SAM adaptor protein, SAMSN1.	
Introduction	
SAM Domain SH3 Domain and Nuclear Localization Signal 1 (SAMSN1) is a member of a known adaptors and scaffold proteins containing SH3 and SAM (sterile alpha motif) domains. SAMSN1 is a negative regulator of B-cell activation and is down-regulates cell proliferation. SAMSN1 is up-regulated by IL-4 in activated B cells and expressed mainly in dendritic cells. SAMSN1 owns a function which is similar to other adaptor proteins that link signaling molecules in signal transduction cascades.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SAMSN1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol 0.1M NaCl and 1mM DTT.	
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.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MLKRKPS NVSEKEKHQK PKRSSSFGNF DRFRNNSLSK PDDSTEAHEG	

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DPTNGSGEQS KTSNNGGGLG KKMRAISWTM KKKVGKKYIK ALSEEKDEED GENAHPYRNS DPVIGTHTEK VSLKASDSMD SLYSGQSSSS GITSCSDGTS NRDSFRLDDD GPYSGPFCGR ARVHTDFTPS PYDTDSLKIK KGDIIDIICK TPMGMWTGML NNKVGNFKFI YVDVISEEEA APKKIKANRR SNSKKSKTLQ EFLERIHLQE YTSTLLLNGY ETLEDLKDIK ESHLIELNIE NPDDRRRLLS AAENFLEEEI IQEQENEPEP LSLSSDISLN KSQLDDCPRD SGCYISSGNS DNGKEDLESE NLSDMVHKII ITEPSD.

Precautions

SAMSN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NSI8)