

SAM Domain SH3 Domain and Nuclear Localization Signal 1 Human Re-

Item Number	rAP-4175
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.
Description	SAMSN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 396 amino acids (1-373a.a) and having a molecular mass of 44.1kDa. SAMSN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NSI8
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSMLKRKPS NVSEKEKHQK PKRSSSFGNF DRFRNNSLSK PDDSTEAEHG DPTNGSGEQS KTSNNGGGLG KKMRAISWTM KKKVGKKYIK ALSEEKDEED GENAHPYRNS DPVIGTHTEK VSLKASDSMD SLYSGQSSSS GITSCSDGTS NRDSFRLDDD GPYSGPFCGR ARVHTDFTPS PYDTSCLKIK KGDIIDIICK TPMGMWTGML NNKVGNFKFI YVDVISEEEA APKKIKANRR SNSKSKTLQ EFLERHLQE YTSTLLNGY ETLEDLKDIIK ESHLIELNIE NPDDRRRLLS AAENFLEEEI IQEQENEPEP LSLSSDISLN KSQLDDCPRD SGCYISSGNS DNGKEDLESE NLSDMVHKII
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	SAMSN1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol 0.1M NaCl and 1mM DTT. Greater than 80.0% 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**