

## 32-4766: Recombinant Human SAM Domain SH3 Domain and Nuclear Localization Signal 1

**Alternative Name :** HACSN1,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

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 80.0% as determined by SDS-PAGE.  
**Content :** SAMSN1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol 0.1M NaCl 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 SGLVPRGSH MGSMLKRKPS NVSEKEKHQK PKRSSSFQNF DRFRNNSLSK PDDSTEAHEG DPTNGSGEQS KTSNNGGGLG KKMRAISWTM KKKVGGKYYK ALSEKDEED GENAHPYRNS DPVIGTHTEK VSLKASDSMD SLYSGQSSSS GITSCSDGTS NRDSFRLDDD GPYSGPFCGR ARVHTDFTPS PYDTSLSKIK KGDIIDIICK TPMGMWTGML NNKVGNFKFI YVDVISEEEA APKKIKANRR SNSKSKTLQ EFLERHLQE YTSTLLNGY ETLEDLKDIIK ESHLIELNIE NPDDRRRLLS AAEFLIEEEI IQEQENEPEP LSLSSDISLN KSQLDDCPRD SGCYISSGNS DNGKEDLESE NLSDMVHKII ITEPSD.

