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## Datasheet for ABIN7319330 SH2D1A Protein (His tag)

### Overview

Quantity:	50 µg
Target:	SH2D1A
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH2D1A protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human SH2D1A/SAP Protein (His Tag)
Sequence:	Met 1-Pro128
Characteristics:	Recombinant Human SH2 Domain-Containing Protein 1A is produced by our E.coli expression system and the target gene encoding Met1-Pro128 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	SH2D1A
Alternative Name:	SH2D1A/SAP ( <a href="#">SH2D1A Products</a> )
Background:	Background: SH2 Domain-Containing Protein 1A <sub>h</sub> (SH2D1A) contains one SH2 domain and a short tail and is localized in the cytoplasm. SH2D1A is expressed at a high level in the thymus

## Target Details

and the lung, with lower expression levels in the spleen and the liver. SH2D1A acts as an inhibitor of the signaling lymphocyte activation molecule (SLAM) self-association. In addition, SH2D1A mediates interaction between FYN and SLAMF1. It is also thought to regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.

Synonym: SH2 Domain-Containing Protein 1A, Duncan Disease SH2-Protein, Signaling Lymphocytic Activation Molecule-Associated Protein, SLAM-Associated Protein, T-Cell Signal Transduction Molecule SAP,

SH2D1A,DSHP,EBVS,IMD5,LYP,MTCP1,SAP/SH2D1A,XLP,XLPD,XLPD1

Molecular Weight: 16.3 kDa

NCBI Accession: [NP\\_002342](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, 10 % Glycerol, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.