

Active Recombinant Human SH2D1A protein, His-tagged

Cat. No. SH2D1A-7029H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SH2D1A protein(NP_002342.1) (Pro 2-Lys 97) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	2-97 aa
Form	Lyophilized from sterile PBS, pH 7.5, 20% glycerol.
Bio-activity	<ol style="list-style-type: none">1. Measured by its ability to bind recombinant human SLAMF1 in a functional ELISA.2. Measured by its ability to bind recombinant human SLAMF6 in a functional ELISA.3. Measured by its ability to bind recombinant mouse SLAMF6 in a functional ELISA.4. Measured by its ability to bind recombinant mouse CD84 in a functional ELISA.
Molecular Mass	The recombinant human SH2D1A consisting of 139 amino acids and has a calculated molecular mass of 15.6 kDa. It migrates as an approximately 14 kDa band in SDS-PAGE under reducing conditions.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001108409.1
Unit ID	O60880
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/O60880
GENE INFORMATION	
Gene Name	SH2D1A SH2 domain containing 1A [Homo sapiens]
Official Symbol	SH2D1A
Synonyms	SH2D1A; SH2 domain containing 1A; IMD5, lymphoproliferative syndrome, LYP, SH2 domain protein 1A; SH2 domain-containing protein 1A; DSHP; Duncans disease; EBVS; MTCP1; SAP; XLP; XLPD; SLAM-associated protein; Duncan disease SH2-protein; T cell signal transduction molecule SAP; T-cell signal transduction molecule SAP; SLAM associated protein/SH2 domain protein 1A; signaling lymphocyte activation molecule-associated protein; signaling lymphocytic activation molecule-associated protein; LYP; IMD5; SAP/SH2D1A; FLJ18687; FLJ92177;
Gene ID	4068
mRNA Refseq	NM_001114937
protein Refseq	NP_001108409
MIM	300490

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