

SH2D1A recombinant protein

SH2D1A, 1-128aa, Human, His tag, E Coli

CATALOG # AAA48670	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

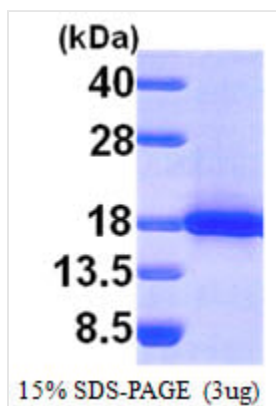
PRODUCT SYNONYMS

SH2D1A; 1-128aa; Human; His tag; E Coli; SH2 domain-containing protein 1A; DSHP; EBVS; IMD5; LYP; MTCP1; SAP; XLP; XLPD; SH2D1A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 1 mM DTT, 10% glycerol
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MDAVAVYHGK ISRETGEKLL LATGLDGSYL LRDSSEVPGV YCLCVLYHGY IYTYRVSQTE TGWSAETAP GVHKRYFRKI KNLISAFQKP DQGIVIPLOQ PVEKKSSARS TQGTGIRE PDVCLKAP
Sequence Length	128
Applicable Applications for SH2D1A recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SH2D1A recombinant protein	SH2D1A is an inhibitor of the signaling lymphocyte activation molecule (SLAM) self-association. This protein is expressed at a high level in thymus and lung, with a lower level of expression in spleen and liver. Defects in SH2D1A are a cause of X-linked lymphoproliferative disease (XLPD) also known as Duncan disease. XLPD is characterized by a rare congenital immunodeficiency following Epstein-Barr virus (EBV) infection. Recombinant human SH2D1A protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for SH2D1A recombinant protein	Immunology
References	Schwartzberg PL., et al. (2010) Immunity. 32 (2):253-65.; Lenardo MJ., et al (2009) J Clin Invest. 119 (10):2976-89;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506923
NCBI GeneID	4068
NCBI Accession #	NP_002342
NCBI GenBank Nucleotide #	NM_002351.4
UniProt Accession #	O60880; O95383; O95384; O95385; O95386; Q6FGS6; Q9UNR0; A8MSW0
Molecular Weight	16.3 kDa (148aa), confirmed by MALDI-TOF
NCBI Official Full Name	SH2 domain-containing protein 1A isoform 1
NCBI Official Synonym Full Names	SH2 domain containing 1A
NCBI Official Symbol	SH2D1A
NCBI Official Synonym Symbols	LYP; SAP; XLP; DSHP; EBVS; IMD5; XLPD; MTCP1; XLPD1; SAP/SH2D1A
NCBI Protein Information	SH2 domain-containing protein 1A
UniProt Protein Name	SH2 domain-containing protein 1A
UniProt Gene Name	SH2D1A
UniProt Synonym Gene Names	DSHP; SAP; SLAM-associated protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.