Datasheet for ABIN5854982

SH2D1B Protein (AA 1-132) (His tag)

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Overview

Quantity:	50 µg
Target:	SH2D1B
Protein Characteristics:	AA 1-132
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH2D1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPMDLPYYH GRLTKQDCET LLLKEGVDGN FLLRDSESIP GVLCLCVSFK NIVYTYRIFR EKHGYYRIQT AEGSPKQVFP SLKELISKFE KPNQGMVVHL LKPIKRTSPS LRWRGLKLEL ETFVNSNSDY VDVLPHHHHH H
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	SH2D1B
Alternative Name:	SH2D1B (SH2D1B Products)
Background:	SH2D1B, also known as SH2 domain-containing protein 1B, is one of the proteins which activate NK cells. It plays a role in controlling signal transduction through at least four

Target Details

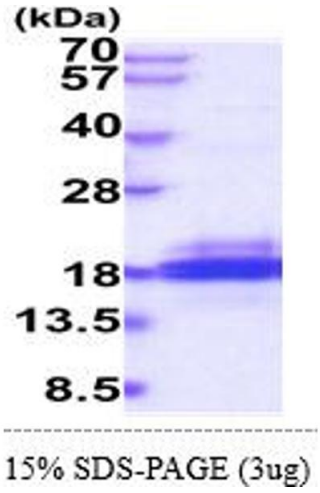
	receptors, CD84, SLAMF1, LY9 and CD244, expressed on the surface of professional antigen-presenting cells. Two isoforms of the human protein are produced by alternative splicing. Recombinant human SH2D1B protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	16.4kDa (141aa) 18-28KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_444512
UniProt:	O14796
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.

