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SH2D1A Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



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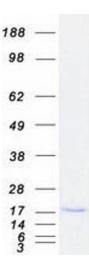
Overview		
Quantity:	20 μg	
Target:	SH2D1A	
Protein Characteristics:	Transcript Variant 1	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This SH2D1A protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human SH2D1A (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone 	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	SH2D1A	
Alternative Name:	Sh2d1a (SH2D1A Products)	
Background:	This gene encodes a protein that plays a major role in the bidirectional stimulation of T and B	
	cells. This protein contains an SH2 domain and a short tail. It associates with the signaling	
	lymphocyte-activation molecule, thereby acting as an inhibitor of this transmembrane protein	
	by blocking the recruitment of the SH2-domain-containing signal-transduction molecule SHP-2	

Storage Comment:

	to its docking site. This protein can also bind to other related surface molecules that are expressed on activated T, B and NK cells, thereby modifying signal transduction pathways in these cells. Mutations in this gene cause lymphoproliferative syndrome X-linked type 1 or Duncan disease, a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus, with symptoms including severe mononucleosis and malignant lymphoma. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	14 kDa
NCBI Accession:	NP_002342
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C

immediately. Only 2-3 freeze thaw cycles are recommended.

Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze



Western Blotting

Image 1. Validation with Western Blot