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## PSTPIP1 Protein (Myc-DYKDDDDK Tag)



Image



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20 μg	
PSTPIP1	
Human	
HEK-293 Cells	
Recombinant	
This PSTPIP1 protein is labelled with Myc-DYKDDDDK Tag.	
Antibody Production (AbP), Standard (STD)	
<ul> <li>Recombinant human PSTPIP1 / CD2BP1 protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>	
> 80 % as determined by SDS-PAGE and Coomassie blue staining	
PSTPIP1	
Pstpip1,cd2bp1 (PSTPIP1 Products)	
This gene encodes a cytoskeletal protein that is highly expressed in hemopoietic tissues. This protein functions via its interaction with several different proteins involved in cytoskeletal organization and inflammatory processes. It binds to the cytoplasmic tail of CD2, an effector of	

#### **Target Details**

dephosphorylation, thereby, regulating c-Abl activity. It also interacts with pyrin, which is found in association with the cytoskeleton in myeloid/monocytic cells and modulates immunoregulatory functions. Mutations in this gene are associated with PAPA (pyogenic sterile arthritis, pyoderma gangrenosum, and acne) syndrome. It is hypothesized that the disease-causing mutations compromise physiologic signaling necessary for the maintenance of a proper inflammatory response.

Molecular Weight:

47.4 kDa

NCBI Accession:

NP\_003969

#### **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

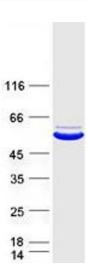
Comment: The tag is located at the C-terminal.

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

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



### **Western Blotting**

Image 1. Validation with Western Blot