

Datasheet for ABIN1316968  
**PYCARD Protein (AA 1-149) (GST tag)**



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1 Publication

## Overview

Quantity:	10 µg
Target:	PYCARD
Protein Characteristics:	AA 1-149
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PYCARD protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Affinity Purification (AP), Antibody Array (AA)

## Product Details

Purpose:	PYCARD (Human) Recombinant Protein (P01)
Sequence:	MDALDLTDKL VSFYLETYGA ELTANVLRDM GLQEMAGQLQ AATHQGSGAA PAGIQAPPQS AAKPGLHFID QHRAALIARV TNVEWLLDAL YGKVLTDQY QAVRAEPTNP SKMRKLFNFT PAWNWTCKDL LLQALRESQS YLVEDLERS
Characteristics:	Human PYCARD full-length ORF ( AAH13569.2, 1 a.a. - 149 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

## Target Details

Target:	PYCARD
Alternative Name:	PYCARD ( <a href="#">PYCARD Products</a> )

## Target Details

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Background: Full Gene Name: PYD and CARD domain containing  
Synonyms: ASC,CARD5,MGC10332,TMS,TMS-1,TMS1

Gene ID: 29108

Pathways: [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#),  
[Regulation of Actin Filament Polymerization](#), [Positive Regulation of Endopeptidase Activity](#),  
[Activated T Cell Proliferation](#), [Inflammasome](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system  
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

## Handling

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Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

## Publications

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Product cited in: Shi, Wang, Li, Zhan, Tang, Fina, Su, Pratt, Bu, Hildebrand, Lyon, Scott, Quan, Sun, Russell, Arnett, Jurek, Chen, Kravchenko, Mathison, Moresco, Monson, Ulevitch, Beutler: "NLRP3 activation and mitosis are mutually exclusive events coordinated by NEK7, a new inflammasome component." in: **Nature immunology**, Vol. 17, Issue 3, pp. 250-8, (2016) ([PubMed](#)).

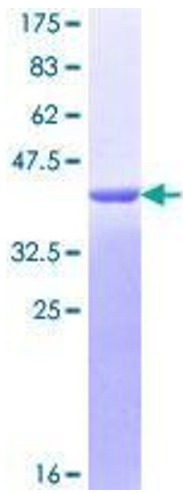


Image 1.