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Datasheet for ABIN1316968

PYCARD Protein (AA 1-149) (GST tag)

1 Image

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 (PYCARD Products) |

Target Details

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

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

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

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](#)).

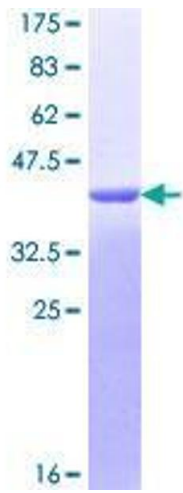


Image 1.