

Product Datasheet

Recombinant Human ASC/TMS1 GST (N-Term) Protein H00029108-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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Publications: 4

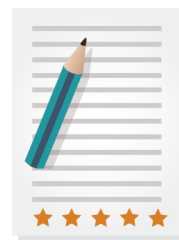
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H00029108-P01-10ug**Recombinant Human ASC/TMS1 GST (N-Term) Protein**

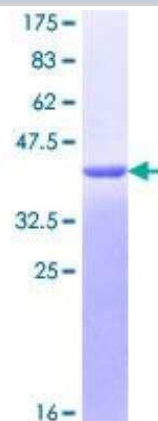
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	42.13 kDa

Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-149 of Human PYCARD.
Gene ID	29108
Gene Symbol	PYCARD
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Application Notes	Use in functional reported in scientific literature (PMID: 23871209)

Images

SDS-Page: Recombinant Human ASC/TMS1 Protein [H00029108-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Lee HE, Yang G, Kim ND et al. Targeting ASC in NLRP3 inflammasome by caffeic acid phenethyl ester: a novel strategy to treat acute gout. *Sci Rep* 2016-12-09 [PMID: 27934918]

Ambite I, Puthia M, Nagy K et al. Molecular Basis of Acute Cystitis Reveals Susceptibility Genes and Immunotherapeutic Targets. *PLoS Pathog* 2016-10-12 [PMID: 27732661]

Shi H, Wang Y, Li X et al. NLRP3 activation and mitosis are mutually exclusive events coordinated by NEK7, a new inflammasome component. *Nat Immunol* 2015-12-07 [PMID: 26642356]

Mitoma H, Hanabuchi S, Kim T, et al. The DHX33 RNA Helicase Senses Cytosolic RNA and Activates the NLRP3 Inflammasome. *Immunity* 2013-07-25 [PMID: 23871209] (Func)





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Products Related to H00029108-P01-10ug

NBP1-78978PEP	ASC/TMS1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP1-78977	ASC/TMS1 Antibody - BSA Free
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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