Recombinant Human PYCARD 293 Cell Lysate

Cat. No. PYCARD-2649HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for PYD and CARD domain containing (PYCARD), transcript variant 3 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	PYCARD PYD and CARD domain containing [Homo sapiens]
Official Symbol	PYCARD
Synonyms	PYCARD; PYD and CARD domain containing; apoptosis-associated speck-like protein containing a CARD; ASC; CARD5; TMS 1; target of methylation-induced silencing 1; caspase recruitment domain-containing protein 5; TMS; TMS1; TMS-1; MGC10332;
Gene ID	29108
mRNA Refseq	NM_145183
Protein Refseq	NP_660184
MIM	606838
UniProt ID	Q9ULZ3
Chromosome Location	16p11.2
Pathway	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Direct p53 effectors, organism-specific biosystem; Immune System, organism-specific biosystem; Inflammasomes, organism-

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	specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;
Function	Pyrin domain binding; cysteine-type endopeptidase activator activity involved in apoptotic process; cysteine-type endopeptidase activity; protein binding; protein homodimerization activity;

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