Recombinant Human CARD8 cell lysate

Cat. No. CARD8-283HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The protein encoded by this gene belongs to the caspase recruitment domain (CARD)-containing family of proteins, which are involved in pathways leading to activation of caspases or nuclear factor kappa-B (NFKB). This protein may be a component of the inflammasome, a protein complex that plays a role in the activation of proinflammatory caspases. It is thought that this protein acts as an adaptor molecule that negatively regulates NFKB activation, CASP1-dependent IL1B secretion, and apoptosis. Polymorphisms in this gene may be associated with a susceptibility to rheumatoid arthritis. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CARD8 caspase recruitment domain family, member 8 [Homo sapiens]

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Official Symbol	CARD8
Synonyms	CARD8; caspase recruitment domain family, member 8; caspase recruitment domain-containing protein 8; CARDINAL; Dakar; KIAA0955; NDPP; TUCAN; apoptotic protein NDPP1; CARD inhibitor of NF-kappaB-activating ligands; tumor up-regulated CARD-containing antagonist of CASP9; tumor up-regulated CARD-containing antagonist of caspase nine; DACAR; DAKAR; NDPP1; FLJ18119; FLJ18121; MGC57162; DKFZp779L0366;
Gene ID	22900
mRNA Refseq	NM_001184900
Protein Refseq	NP_001171829
MIM	609051
UniProt ID	Q9Y2G2
Chromosome Location	19q13.33
Pathway	NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem;
Function	NACHT domain binding; cysteine-type endopeptidase activator activity involved in apoptotic process; protein binding; protein homodimerization activity;

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