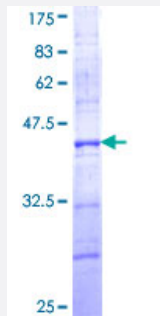


CARD8 (Human) Recombinant Protein (Q01)

Catalog # H00022900-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CARD8 partial ORF (NP_055774, 322 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	WDTEVKPVDLQLVAASAPPPFSGAAFVKENHRQLQARMGDLKGVLDDLQDNEVLTENEKELVE QEKTRQSKNEALLSMVEKKGDLALDVLFRSISERDPYLVSYLRQQNL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CARD8

Entrez GeneID	22900
GeneBank Accession#	NM_014959
Protein Accession#	NP_055774
Gene Name	CARD8
Gene Alias	CARDINAL, DACAR, DKFZp779L0366, Dakar, FLJ18119, FLJ18121, KIAA0955, MGC57162, NDPP, NDPP1, TUCAN
Gene Description	caspase recruitment domain family, member 8
Omim ID	609051
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	CARD inhibitor of NF-kappaB-activating ligands CARD8 isoform T47 CARD8 isoform T51 CARD8 isoform T60 apoptotic protein NDPP1 tumor up-regulated CARD-containing antagonist of caspase nine

Disease

- [Adenocarcinoma](#)

- [Alzheimer disease](#)
- [Arthritis](#)
- [Bacterial Infections](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Disease Progression](#)
- [Encephalitis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Inflammatory Bowel Diseases](#)
- [Tobacco Use Disorder](#)