

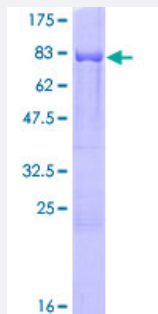
Full-Length

CARD9 (Human) Recombinant Protein (P01)

Catalog # H00064170-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CARD9 full-length ORF (AAH08877.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDYENDDECWSVLEGFRVTLTSVIDPSRITPYLRQCKVLNPDDEEQVLSDPNLVIRKRKVGVL
DILQRTGHKGYVAFLESLELYPQLYKKVTGKEPARVFSMIIDASGESGLTQLLMTEVMKLQKKVQ
DLTALLSSKDDFIKELRVKDSLLRKHQERVQRLKEECEAGSRELKRCKEENYDLAMRLAHQSEE
KGAALMRNRDLQLEIDQLKHSLMKAEDDCKVERKHTLKL RHAMEQRPSQELLWELQQEKALLQ
ARVQELEASVQEGKLD RSPYIQVLEEDWRQALRDHQEQANTIFSLRKDLRQGEARRLRCMEEK
EMFELQCLALRKDSKMYKDRIEAILLQMEEVAIERDQAIATREELHAQHARGLQEKDALRKQVREL
GEKADELQLQVFQCEAQLLAVEGRLRRQQLETLVLSSDLEDGSPRRSQELSLPQDLEDTQLSDK
GCLAGGGSPKQPFAALHQEQVLRNPHDAGPAGLP GIGAVC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.1

Interspecies Antigen Sequence

Mouse (85); Rat (85)

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 — CARD9

Entrez GeneID	64170
GeneBank Accession#	BC008877.2
Protein Accession#	AAH08877.1
Gene Name	CARD9
Gene Alias	hCARD9
Gene Description	caspase recruitment domain family, member 9
Omim ID	607212
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a positive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined. [provided by RefSeq]
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Other Designations

OTTHUMP00000022571|caspase recruitment domain protein 9

Disease

- [Colitis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)