

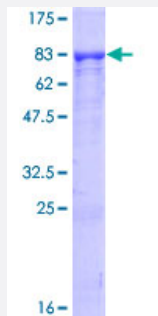
Full-Length

RIPK2 (Human) Recombinant Protein (P01)

Catalog # H00008767-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RIPK2 full-length ORF (NP_003812.1, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNGEAICSALPTIPYHKLADLRYLSRGASGTVSSARHADWRVQVAVKHLHIHTPLDSEKDVIRE
AEILHKARFSYILPILGICNEPEFLGMTEYMPNGSLNELLHRKTEYPDVAWPLRFRILHEIALGVNYLH
NMTPELLHDLKTQNILLDNEFHVKIADFGLSKWRMMSLSQSRSSKSAPEGGTIYMPPENYEPGQ
KSRASIKHDIYSYAVITWEVLSRKQPFEDVTNPLQIMYSVSQGHRPVINEESLPYDIPHRARMISLIES
GWAQNPDERPSFLKCLIELEPVLRTFEEITFLEAVIQLKKTQLQSVSSAIHLCDKKKMELSLNIPVN
HGPQEESCGSSQLHENS GSPETSRLPAPQDNDFLSRKAQDCYFMKLHHCPGNHSDSTISGS
QRAAFCDHKTTPCSSAIINPLSTAGNSERLQPGIAQQWISQKREDVNVQMTEACLNQSLDALLSRD
LIMKEDYELVSTKPTRTSKVRQLD TTDIQGEEFAKVIVQKLKDNKQMGLQPYEILVVSRSPLNL
LQNKSM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.6

Interspecies Antigen Sequence

Mouse (84); 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 — RIPK2

Entrez GeneID	8767
GeneBank Accession#	NM_003821.5
Protein Accession#	NP_003812.1
Gene Name	RIPK2
Gene Alias	CARD3, CARDIAK, CCK, GIG30, RICK, RIP2
Gene Description	receptor-interacting serine-threonine kinase 2
Omim ID	603455
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli. [provided by RefSeq]
Other Designations	CARD-carrying kinase CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase growth-inhibiting gene 30 receptor interacting protein 2 receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP)

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Leprosy](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)