

Recombinant Human RIPK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RIPK2-6505H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RIPK2 MS Standard C13 and N15-labeled recombinant protein (NP_003812) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	61.2 kDa
AA Sequence	MNGEAICSALPTIPYHKLADLRYLSRGASGTVSSARHADWRVQVAVKHLHIHTPLLD SERKDVLR AEILHKARFSYILPILGICNEPEFLGIVTEYMPNGSLNELLHRKTEYPDV AWPLRFRILHEIALGVNYLHNMTPELLHDLKTQNILLDNEFHVKIADFGLSKWRMMS LSQSRSSKSAPEGGTIYMPPENYEPGQKSRASIKHDIYSYAVITWEVLSRKQPFEDV TNPLQIMYSVSQGHRPVINEESLPYDIPHRARMISLIESGWAQNPDERPSFLKCLIEL EPVLRTFEEITFLEAVIQLKKTQLQSVSSAIHLCDKKKMELSLNIPVNHGPQEESCGSS QLHENSGSPETSRLPAPQDNDFLSRKAQDCYFMKLHHCPGNHSDSTISGSQRA AFCDHKTTPCSSAIINPLSTAGNSERLQPGIAQQWQSKREDIVNQMTACLNQSLD

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ALLSRDLIMKEDYELVSTKPTRTSKVRQLLDTTDIQGEEFAKVIVQKLKDNKQMGGLQP
YPEILVVSRSPSLNLLQNKSMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RIPK2 receptor-interacting serine-threonine kinase 2 [Homo sapiens (human)]

Official Symbol RIPK2

Synonyms RIPK2; receptor-interacting serine-threonine kinase 2; receptor-interacting serine/threonine-protein kinase 2; CARD3; CARDIAK; RICK; RIP2; RIP-2; CARD-carrying kinase; growth-inhibiting gene 30; tyrosine-protein kinase RIPK2; receptor interacting protein 2; receptor-interacting protein 2; RIP-like-interacting CLARP kinase; CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta-converting enzyme-associated kinase; CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase; receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP) kinase; CCK; GIG30;

Gene ID 8767

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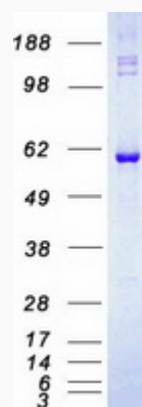
mRNA Refseq NM_003821

Protein Refseq NP_003812

MIM 603455

UniProt ID O43353

SDS-PAGE



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