

Product datasheet for PH302530

RIP2 (RIPK2) (NM_003821) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RIPK2 MS Standard C13 and N15-labeled recombinant protein (NP_003812)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202530
Predicted MW:	61.2 kDa
Protein Sequence:	>RC202530 protein sequence Red=Cloning site Green=Tags(s)

MNGEAI CSALPTIPYHKLADLRYLSRGASGTVSSARHADWRVQVAVKHLHIHTPLLDSEKDVLR AEIL
HKARFSYILPILGICNEPEFLGIVTEYMPNGSLNELLHRKTEYPDVAWPLRFRI LHEIALGVNYLHNMT P
PLLHHD LKTQNI LL DNEFHVKIADFGLSKWRMMSLSQSRSSKSAPEGGTIIYMP PENYEPGQKSRASIKH
DIYSYAVITWEVLSRKQPFEDVTNPLQIMYSVVSQGHRPVINEESLPYDIPHRARMISLIESGWAQNPDER
PSFLKCLIELEPVLRTFEEITFLEAVIQLKTKLQSVSSAIHLCDKKMELSLNIPVNHGPQEESC GSSQ
LHENS GPETSRS LPA PQDNDFLSRKAQDCYFMKLHHC PGNHSDSTISGSQRAAFCDHK TTPCSSAIIN
PLSTAGNSERLQPGIAQQW IQSKREDIVNQMTEACL NQSLDALLSRDLIMKEDYELVSTKPTRTSKVRQL
LDTTDIQGEEFAKVIVQK LKDNKQMG LQPYPEILVVSRS PSLNLLQNKSM

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003812</u>
RefSeq Size:	2588
RefSeq ORF:	1620



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Synonyms: CARD3; CARDIAK; CCK; GIG30; RICK; RIP2

Locus ID: 8767

UniProt ID: [O43353](#), [A0A0S2Z4Z8](#)

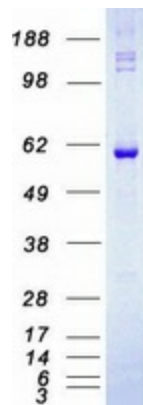
Cytogenetics: 8q21.3

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, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Neurotrophin signaling pathway, NOD-like receptor signaling pathway

Product images:



Coomassie blue staining of purified RIPK2 protein (Cat# [TP302530]). The protein was produced from HEK293T cells transfected with RIPK2 cDNA clone (Cat# [RC202530]) using MegaTran 2.0 (Cat# [TT210002]).