

## Product datasheet for **TP302530**

### RIP2 (RIPK2) (NM\_003821) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human receptor-interacting serine-threonine kinase 2 (RIPK2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202530 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNGEAICSAALPTIPYHKLADLRYLSRGASGTVSSARHADWRVQVAVKHLHIHTPLLDSEKDVLR AEIL  
HKARFSYILPILGICNEPEFLGIVTEYMPNGSLNELLHRKTEYPDVAWPLRFRILHEIALGVNYLHNMT  
PLLHHDLKTQNILLDNEFHVKIADFGLSKWRMMMSLSQSRSSKSAPEGGTIYMPPENYEPGQKSRASIKH  
DIYSYAVITWEVLSRKQPFEDVTNPLQIMYSVSQGHPRVINEESLPYDIPHRARMISLIESGWAQNPDER  
PSFLKCLIELEPVLRTFEEITFLEAVIQLKKTQLQSVSSAIHLCDKMKMELSLNIPVNHGPPQEESC  
GSSQLHENS GPETS RSLPAPQDNDFLSRKAQDCYFMKLHHCPCGNH SWDSTISGSQRAAFCDHKTT  
PCSSAIINPLSTAGNSERLQPGIAQQWIQSKREDIVNQMT EACL NQSLDALLSRDLIMKEDYELVST  
KPTRTSKVRQLDTTDIQGEFAKIVVQKLKDNKQMGLQPYPEILVSRSPSLNLLQNKSM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	61 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_003812](#)

Locus ID: 8767

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

RefSeq Size: 2588

Cytogenetics: 8q21.3

RefSeq ORF: 1620

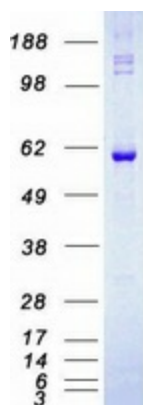
Synonyms: CARD3; CARDIAK; CCK; GIG30; RICK; RIP2

**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]).