

Recombinant Human RIPK3, GST-tagged

Cat. No. RIPK3-2899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIPK3 produced by wheat germ expression system in vitro contains GST tag at N-terminus and is purified by glutathione sepharose 4 fast flow.
Species	Human
Source	Wheat Germ
Protein Length	1-518 aa
Description	The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor.
Applications	Kinase Assay; ELISA ; Antibody Production; Western Blot; Protein Array
Storage Buffer	50mM Tris-HCl, 10 mM reduced Glutathione, pH8.0 in the elution buffer.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Official Symbol	RIPK3

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GENE INFORMATION

Gene Name	RIPK3 receptor-interactingserine-threonine kinase 3 [Homo sapiens]
Synonyms	receptor-interactingserine-threonine kinase 3; RIP3; Receptor-interacting protein 3; RIP-3; RIP-likeprotein kinase 3; OTTHUMP00000164791; receptor interacting protein3; receptor-interactingserine/threonine-protein kinase 3; EC 2.7.11.1; receptor-interactingserine/threonine-protein kinase 3
Gene ID	11035
mRNA Refseq	NM_006871
Protein Refseq	NP_006862
MIM	605817
UniProt ID	Q9Y572
Chromosome Location	14q12
Pathway	CytosolicDNA-sensing pathway; Immune System; Innate Immune System
Function	ATPbinding; nucleotide binding; nucleotide binding

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