

Datasheet for ABIN1318108
RIPK1 Protein (AA 1-671) (GST tag)



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Overview

Quantity:	10 µg
Target:	RIPK1
Protein Characteristics:	AA 1-671
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIPK1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	RIPK1 (Human) Recombinant Protein (P01)
Sequence:	<p>MQPDMSLNVI KMKSSDFLES AELDSGGFGK VSLCFHRTQG LMIMKTVYKG PNCIEHNEAL LEEAKMMNRL RHSRVVKLLG VIIEEGKYSL VMEYMEKGNL MHVLKAEMST PLSVKGRILL EIIEGMCYLH GKGVIHKDLK PENILVDNDF HIKIADLGLA SFKMWSKLN EHNELREVD GTAKKNGGTL YYMAPEHLND VNAKPTEKSD VYSFAVWLWA IFANKEPYEN AICEQQLIMC IKSGNRPDVD DITEYCPREI ISLMKLCWEA NPEARPTFPG IEEKFRPFYL SQLEESVEED VKSLKKEYSN ENAVVKRMQS LQLDCVAVPS SRSNSATEQP GSLHSSQGLG MGPVEESWFA PSLEHPQEEEN EPSLQSKLQD EANYHLYGSR MDRQTKQQPR QNVAYNREEE RRRRVSHDPF AQQRPYENFQ NTEGKGTAYS SAASHGNAVH QPSGLTSQPQ VLYQNNGLYS SHGFGTRPLD PGTAGPRVWY RPIPSHMPSL HNIPVPETNY LGNTPTMPFS SLPPTDESIK YTIYNSTGIQ IGAYNYMEIG GTSSLLDST NTFNKEEPAA KYQAIFDNTT SLTDKHLDP I RENLGKHWKN CARKLGFTQS QIDEIDHDYE RDGLKEKVYQ MLQKWVMREG IKGATVGKLA QALHQCSRID</p>

Product Details

LLSSLIYVSQ N

Characteristics:	Human RIPK1 full-length ORF (ADR83242.1, 1 a.a. - 671 a.a.) recombinant protein with GST tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	RIPK1
Alternative Name:	RIPK1 (RIPK1 Products)
Background:	Full Gene Name: receptor (TNFRSF)-interacting serine-threonine kinase 1 Synonyms: FLJ39204,RIP,RIP1
Gene ID:	8737
Pathways:	NF-kappaB Signaling , Apoptosis , Caspase Cascade in Apoptosis , TLR Signaling , Activation of Innate immune Response , Inositol Metabolic Process , Positive Regulation of Endopeptidase Activity , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Negative Regulation of intrinsic apoptotic Signaling , SARS-CoV-2 Protein Interactome , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in: Boutaffala, Bertrand, Remouchamps, Seleznik, Reisinger, Janas, Bénézech, Fernandes, Marchetti, Mair, Ganeff, Hupalowska, Ricci, Becher, Piette, Knolle, Caamano, Vandenabeele, Heikenwalder, Dejardin: "NIK promotes tissue destruction independently of the alternative NF- κ B pathway through TNFR1/RIP1-induced apoptosis." in: **Cell death and differentiation**, Vol. 22, Issue 12, pp. 2020-33, (2015) ([PubMed](#)).

Fuller, Osborne, Leonard, Hardyman, Vaniotis, Allen, Sugden, Clerk: "Cardiac protein kinases: the cardiomyocyte kinome and differential kinase expression in human failing hearts." in: **Cardiovascular research**, Vol. 108, Issue 1, pp. 87-98, (2015) ([PubMed](#)).

Images

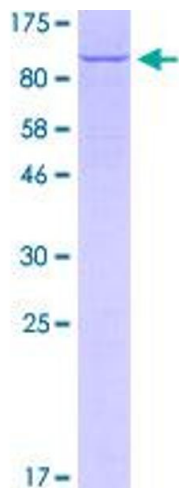


Image 1.