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Product datasheet for TP508618

Ripk2 (NM_138952) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse receptor (TNFRSF)-interacting serine-threonine kinase 2 (Ripk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208618 protein sequence Red=Cloning site Green=Tags(s) MNGDAICSALPPIPYHKLADLHYLSRGASGTVSSARHADWRVRVAVKHLHIHTPLLDSERNDILREAEIL HKARFSYILPILGICNEPEFLGIVTEYMPNGSLNELLHRKTEYPDIAWPLRFRILHEIALGVNYLHNMNP PLLHHDLKTQNILLDNEFHVKIADFGLSKWRMMSLSQSRSYKSAPEGGTIIYMPPENYEPGQKSRASVKH DIYSYAVIMWEVLSRKQPFEEVTNPLQIMYSVSQGHRPDTSEENLPFDIPHRGLMISLIQSGWAQNPDER PSFLKCLIELEPVLRTFEDITFLEAVIQLKKAKIQSSSSTIHLCDKKMDLSLNIPANHPPQEESCGSSLL SRNTGSPGPSRSLSAPQDKGFLSGAPQDCSSLKAHHCPGNHSWDGIVSVPPGAAFCDRRASSCSLAVISP FLVEKGSERPPIGIAQQWIQSKREAIVSQMTEACLNQSLDALLSRDLIMKEDYELISTKPTRTSKVRQLL DTSDIQGEEFAKVVVQKLKDNKQLGLQPYPEVPVLSKAPPSNFPQNKSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	60.4 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_620402

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Locus ID:	192656
UniProt ID:	P58801, Q547H1
RefSeq Size:	1923
Cytogenetics:	4 6.7 cM
RefSeq ORF:	1620
Synonyms:	2210420D18Rik; CAR; CARD3; CARDIAK; CCK; D4Bwg0615e; R; RI; RICK; RIP2
Summary:	This gene encodes a member of the receptor-interacting protein family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain, and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of nuclear factor kappa B and inducer of apoptosis in response to various stimuli. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]