

Product datasheet for **TP710309**

RIP3 (RIPK3) (NM_006871) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of mutant (K50A) of Human receptor-interacting serine-threonine kinase 3 (RIPK3, K50A mutant), full length, with N-terminal GST and C-terminal His tag, expressed in sf9, 20ug
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC209549, encoding mutant RIPK3(K50A)
Tag:	N-GST
Predicted MW:	56.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 7.4, 0.3 mM DTT, 20 mM imidazole, 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.
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_006862
Locus ID:	11035
UniProt ID:	Q9Y572
RefSeq Size:	1940
Cytogenetics:	14q12
RefSeq ORF:	1554
Synonyms:	RIP3


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Summary:

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. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Protein Kinase

Protein Pathways:

Cytosolic DNA-sensing pathway

Product images:
