



Recombinant Mouse Receptor-interacting serine/threonine-protein kinase 3 (Ripk3)

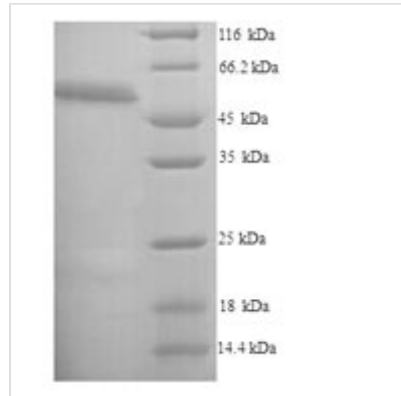
Product Code	CSB-YP886403MO
Relevance	Essential for necroptosis, a programmed cell death process in response to death-inducing TNF-alpha family mbers. Upon induction of necrosis, RIPK3 interacts with, and phosphorylates RIPK1 and MLKL to form a necrosis-inducing complex. RIPK3 binds to and enhances the activity of three metabolic enzymes: GLUL, GLUD1, and PYGL. These metabolic enzymes may eventually stimulate the tricarboxylic acid cycle and oxidative phosphorylation, which could result in enhanced ROS production.
Abbreviation	Recombinant Mouse Ripk3 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9QZL0
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSSVKLWPTGASAVPLVSREELKKLEFVVGKGGFGVVFRAHHRTWNHHDVAVKI VNSKKISWEVKAMVNLNRNENVLLLLGVTEDLQWDFVSGQALVTRFMENGLA GLLQPECPRPWPLLCRLLQEVLGMCYLHSLDPPLLHRDLKPSNILLDPELHAK LADFGLSTFQGGSSQSGSGSGSRDSGGTAYLDPELLFKVNLKASKASDVY SFGILVWAVLAGREAELVDKTSLIRETVCDRQSRPPLTEPPGSPETPGLEKLG ELMIHCWGSQSENRPSTFQDCEPKTNEVYNLVKDKVDAAVSEVKHYLSQHRSS GRNLSAREPSQRGTEMDCPRETMVSKMLDRLHLEEPSGPVPGKCPERQAQD TSVGPATPARTSSDPVAGTPQIPHTLPFRGTTGPGVFTETPGPHQPNQGDG RHGTPWYPWTPPNPMTGPPALVFNNCSEVQIGNYNSLVAPPRTTASSSAKYD QAQFGRGRGWQPFHK
Research Area	Others
Source	Yeast
Target Names	Ripk3
Protein Names	Recommended name: Receptor-interacting serine/threonine-protein kinase 3 EC= 2.7.11.1Alternative name(s): RIP-like protein kinase 3 Receptor-interacting protein 3 Short name= RIP-3 Short name= mRIP3
Expression Region	1-486aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 54.8 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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