

Active Recombinant Human RIPK4 Protein, GST&His tagged

Cat. No. RIPK4-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RIPK4, N-terminal fragment, amino acids M1-D300 (as in NCBI/Protein entry NP_065690.2), N-terminal GST&His×6 fusion protein with a 3C cleavage site, expressed in Sf9 insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-300 aa
Description	The protein encoded by this gene is a serine/threonine protein kinase that interacts with protein kinase C-delta. The encoded protein can also activate NFkappaB and is required for keratinocyte differentiation. This kinase undergoes autophosphorylation.
Form	50 mM HEPES pH 7.5, 100 mM NaCl, 5 mM DTT, 15 mM reduced glutathione, 20% glycerol.
Bio-activity	Specific kinase activity (Pi transfer): 2 pmol/μg×min ATP-KM: 0.17 μM
Molecular Mass	63, 283 Da
AASequence	GDVKLTQSMAIIRYIADKHNMMLGGCPKERAIEISMLEGAVLDIRYGVSRIAYSKDFETL KVDFLSKLPPEMLKMFKDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFP KLVCFFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDPMGGRDSPLA MGARGRMEGDGGTPWALALLRTFDAGEFTGWEEKVSGSGGFGQVYKVRHVHWKTW

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LAIKHHHHHHLEVLFGQCSPSLHVDDRERMELLEAAKKMEMAKFRYILPVYGICREP
VGLVMEYMETGSLEKLLASEPLPWDLRFRIIHETAVGMNFLHCMAPPLLHLDLKPANI
LLDAHYPVKISDFGLAKCNGLSHSHDLSMDGLFGTIAYLPPERIREKSRLFDTKHDVY
SFAIVIWGVLTQKKPFADEKNILHIMVKVVGKGRPELPPVCRARPRACSHLIRLMQRC
WQGDPRVRPTFQEITSETEDLCEKPDDEVKETAHD

Storage

At -80 centigrade. For complete recovery, mix well and spin before use. Product must not be stored in diluted solutions, aliquots below 10 µL are not advisable. Avoid repeated freeze-thaw cycles!

Concentration

0.319 µg/µL

GENE INFORMATION

Gene Name

RIPK4 receptor-interacting serine-threonine kinase 4 [Homo sapiens (human)]

Official Symbol

RIPK4

Synonyms

RIPK4; receptor-interacting serine-threonine kinase 4; ANKRD3, ankyrin repeat domain 3; receptor-interacting serine/threonine-protein kinase 4; ANKK2; DIK; PKC delta interacting protein kinase; PKK; protein kinase C associated kinase; RIP4; protein kinase C-associated kinase; PKC-delta-interacting protein kinase; serine/threonine-protein kinase ANKRD3; ankyrin repeat domain-containing protein 3; NKRD3; ANKRD3; MGC129992; MGC129993;

Gene ID

54101

mRNA Refseq

NM_020639

Protein Refseq

NP_065690

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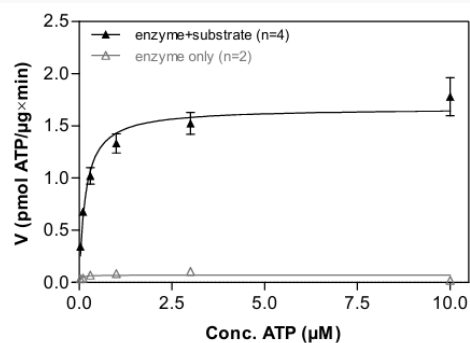
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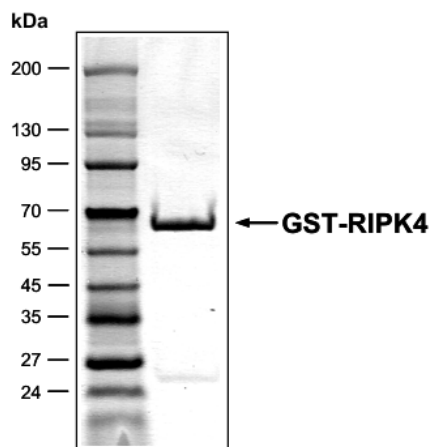
MIM 605706

UniProt ID P57078

Activity



SDS-PAGE and WB



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