

Recombinant Human RIOK1 protein, His-tagged

Cat. No. RIOK1-162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIOK1 protein(219-568 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	219-568 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	DRDKYVSGEFRFRHGYCKGNPRKMVKTWAEKEMRNLIRLNTAEIPCPEPIMLRSHV LVMSFIGKDDMPAPLLKNVQLSESKARELYLQVIQYMRRMYQDARLVHADLSEFNM LYHGGGVYIIDVSQSVEHDHPHALEFLRKDCANVNDFFMRHSVAVMTVRELFEFVT DPSITHENMDAYLSKAMEIASQRTKEERSSQDHVDEEVFKRAYIPRTLNEVKNYERD MDIIMKLKEEDMAMNAQQDNILYQTVTGLKKDLSGVQKVPALLENQVEERTCSDSE DIGSSECSDTDSEEQGDHARPKKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHKV KRKEKTAKTKKGK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name RIOK1 RIO kinase 1 (yeast) [Homo sapiens]

Official Symbol RIOK1

Synonyms RIOK1; RIO kinase 1 (yeast); serine/threonine-protein kinase RIO1; AD034; bA288G3.1; FLJ30006; RRP10; MGC12903;

Gene ID 83732

mRNA Refseq NM_031480

Protein Refseq NP_113668

UniProt ID Q9BRS2

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