

Recombinant Full Length Human RIOK1 Protein, C-Flag-tagged

Cat. No. RIOK1-814HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RIOK1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene competes with pICln for inclusion in the protein arginine methyltransferase 5 complex. This complex targets substrates for dimethylation. The encoded protein is essential for the last steps in the maturation of 40S subunits.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65.4 kDa
AA Sequence	MDYRRLLMSRVVPGQFDDADSSDSENRLKTVKEKDDILFEDLQDNVNENGEGEIE DEEEEGYDDDDDDW DWDEGVGKLAAGYVWNGGSSNPQANRQTSDDSSSAKMSTP ADKVLRLKFENKINLDKLNVTDSVINKVTEKSR QKEADMYRIKDKADRATVEQVLDPR TRMILFKMLTRGIITEINGCISTGKEANVYHASTANGESRAIKIY KTSILVFKDRDKYVS GEFRFRHGYCKGNPRKMVKTWAEKEMRNLI RLNTAEIPCPEPIMLRSHVLVMSFI G KDDMPAPLLKNVQLSESKARELYLQVIQYMRRMYQDARLVHADLSEFNMLYHGGG VYIIDVSQSVEHDH PHALEFLRKDCANVNDFFMRHSVAVMTVRELFEFVTDPSTHE NMDAYLSKAMEIASQRTKEERSSQDHV DEEVFKRAYIPRTLNEVKNYERDMDIIMKL

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KEEDMAMNAQQDNILYQTVTGLKKDLSGVQKVPALLENQV EERTCSDSEDIGSSEC
 SDTDSEEQGDHARPKKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHVKKRKEK
 TAKTKKGKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase
Full Length	Full L.

GENE INFORMATION

Gene Name	RIOK1 RIO kinase 1 [Homo sapiens (human)]
Official Symbol	RIOK1
Synonyms	RIO1; AD034; RRP10; bA288G3.1
Gene ID	83732
mRNA Refseq	NM_031480.3

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Protein Refseq	NP_113668.2
MIM	617753
UniProt ID	Q9BRS2

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