

Recombinant Human RIOK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RIOK1-5538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RIOK1 MS Standard C13 and N15-labeled recombinant protein (NP_694550) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	65.6 kDa
AA Sequence	MDYRRLMSRVVPGQFDDADSSDSENRLKTVKEKDDILFEDLQDNVNENGEIE DEEEEGYDDDDDDWDWDEGVGKLAKGYVWNGGSPQANRQTSDDSSAKMSTPA DKVLRKFENKINLDKLNVTDSVINKVTEKSRQKEADMYRIKDKADRATVEQVLDPR RMILFKMLTRGIITEINGCISTGKEANVYHASTANGESRAIKIYKTSILVFKDRDKYVSG EFRFRHGYCKGNPRKMVKTWAEKEMRNLRLNTAEIPCPEPIMLRSHVLVMSFIGKD DMPAPLLKNVQLSESKARELYLQVIQYMRRMYQDARLVHADLSEFNMLYHGGGVYII DVSQSVEHDHPHALEFLRKDCANVNDFFMRHSVAVMTVRELFEFVTDPSTHENMD AYLSKAMEIASQRTKEERSSQDHVDEEVFKRAYIPRTLNEVKNYERDMDIIMKLKEE DMAMNAQQDNILYQTVTGLKKDLSGVQKVPALLENQVEERTCSDSEDIGSSECSDT

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DSEEQGDHARPKKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHVKKRKEKTAKTK
KGKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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_153005](#)

Protein Refseq [NP_694550](#)

MIM [617753](#)

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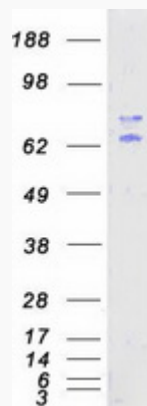
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UniProt ID

Q9BRS2

SDS-PAGE

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