

Product datasheet for TP320667M

RIOK1 (NM_031480) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human RIO kinase 1 (yeast) (RIOK1), transcript variant 1, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220667 representing NM_031480
Red=Cloning site **Green**=Tags(s)

MDYRLLMSRVPGQFDDADSSDSENRLKTVKEKDDILFEDLQDNVNENGEIEDEEEEGYDDDDDDW
DWDEGVGKLAKGYVWNGGSPQANRQTSDDSSAKMSTPADKVLRFKFNKINLDKLNVTDSVINKVTEKSR
QKEADMYRIKDKADRATVEQVLDPRTRMILFKMLTRGIITEINGCISTGKEANVYHASTANGESRAIKIY
KTSILVFKDRDKYVSGEFRFRHGYCKGNPRKMVKTWAEKEMRNLRNTAEIPCPEPIMLRSHVLMVMSFI
GKDDMPAPLLKNVQLSESKARELYLQVIQYMRRMYQDARLVHADLSEFNMLYHGGGVYIIDVVSQSVEHDH
PHALEFLRKDCANVNDFFMRHSVAVMTVRELFVFTDPSITHENMDAYLSKAMEIASQRTKEERSSQDHV
DEEVFKRAYIPRTLNEVKNYERDMDIIMKLKEEDMAMNAQQDNILYQTVTGLKKDLSGVQKVPALLENQV
EERTCSDSEDIGSSECSDDTDSEEQGDHARPKKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHVKKRKEK
TAKTKKGGK

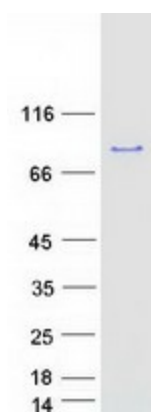
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 65.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_113668
Locus ID:	83732
UniProt ID:	Q9BRS2
RefSeq Size:	2495
Cytogenetics:	6p24.3
RefSeq ORF:	1704
Synonyms:	AD034; bA288G3.1; RIO1; RRP10
Summary:	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. [provided by RefSeq, Jan 2017]
Protein Families:	Druggable Genome, Protein Kinase

Product images:

Coomassie blue staining of purified RIOK1 protein (Cat# [TP320667]). The protein was produced from HEK293T cells transfected with RIOK1 cDNA clone (Cat# [RC220667]) using MegaTran 2.0 (Cat# [TT210002]).