

Product datasheet for PH302947

RIOK1 (NM_153005) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RIOK1 MS Standard C13 and N15-labeled recombinant protein (NP_694550)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202947
Predicted MW:	65.6 kDa
Protein Sequence:	>RC202947 representing NM_153005 Red=Cloning site Green=Tags(s)

MDYRLLMSRVVPGQFDDADSSDSENRLDKTVKEKDDILFEDLQDNVNGEGEIEDEEEGYDDDDDDW
DWDEGVGKLAKGYVWNGGSPQANRQTSDDSSAKMSTPADKVLRFENKINLDKLNVTDSVINKVTEKSR
QKEADMYRIKDKADRATVEQVLDPRTRMILFKMLTRGIIITEINGCISTGKEANVYHASTANGESRAIKIY
KTSILVFKDRDKYVSGEFRFRHGYCKGNPRKMVKTWAEKEMRNLIRLNTAEIPCPEPIMLRSHVLVMSFI
GKDDMPAPLLKNVQLSESKARELYLQVIQYMRMYQDARLVHADLSEFNMLYHGGVYIIDVSQSVEHDH
PHALEFLRKDCANVNDFFMRHSAVMTVRELFEFVTDPSTHENMDAYLSKAMEIASQRTKEERSSQDHV
DEEVFKRAYIPRTLNEVKNYERDMDIIMKLKEEDMAMNAQQDNILYQTVTGLKKDLSGVQKVPALLENQV
EERTCSDSEDIGSSECSDTDSEEQGDHARPKKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHVKKRKEK
TAKTKKGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_694550
RefSeq Size:	1796
RefSeq ORF:	1707



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Synonyms: AD034; bA288G3.1; RRP10

Locus ID: 83732

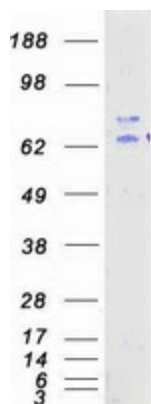
UniProt ID: [Q9BRS2](#)

Cytogenetics: 6p24.3

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# [TP302947]). The protein was produced from HEK293T cells transfected with RIOK1 cDNA clone (Cat# [RC202947]) using MegaTran 2.0 (Cat# [TT210002]).