

Product datasheet for PH324104

RIN3 (NM_024832) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RIN3 MS Standard C13 and N15-labeled recombinant protein (NP_079108)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224104
Predicted MW:	107.7 kDa
Protein Sequence:	>RC224104 representing NM_024832 Red=Cloning site Green=Tags(s)

MIRHAGAPARGDPTGPVPVVGKGEEDGMRLCLPANPKNCLPHRRGISILEKLIKTCPVWLQLSLGQ
AEVARILHRVVGMLVRRDSSSKQLVLCVHFPSLNESSAEVLEYTIKEEKSILYLEGSALVFEDIFRLI
AFYCVSRDLLPFTLRLPQAILEASSFTDLETIANLGLGFWDSSLNPPQERGKPAEPPRDRAPGFPLVSSL
RPTAHDANCACEIELSVGNDRLWFVNPFI IEDCSSALPTDQPPLGNCPARPLPPTSDATSPTSRAWPRRP
PPPPVLPQPSPAQPVPALAPAPACPLTPSPVPAPHVTPHAGPPDHPNQPPMTCERLPCPTAG
LGPLREEAMKPGAASSPLQQVPAPPLPAKKNLPTAPRRRVSERVSLLEDQSPGMAAEGDQLSLPPQGTSD
GPEDTPRESTEQGDTEVKASDPHSMPELPRTAQPPVPPRRKRISRQLASTLPAPLENAELCTQAMAL
ETPTPGPPREGQSPASQAGTQHPPAQATAHSQSSPEFKGSLASLSDSLGVSVMATDQDSYSTSSTEEELE
QFSSPSVKKKPSMILGKARHLSFASFSSMFHAFLSNNRKLKYLKVELAQDKGSYFGSLVQDYKYVYSLEM
MARQTSSTEMLQEIRTMMLTKLSYLLQSTELKALVDPALHSEEELEAIVEAIVKCVLPLKEAINSCLH
QIHSKDGSLQQLKENQLVILATTTDLGVTTTSVPEVPMMEKILQKFTSMHKAYSPEKKISILLKTKLIY
DSMALGNPGKPYGADDFLPVLMYVLARSNLTEMLLNVEYMMELMDPALQLGEGSYLLTTTYGALEHIKSY
DKITVTRQLSVEVQDSIHRWERRRTLNKARASRSSVQDFICVSYLEPEQQARTLASRADTQAQALCAQCA
EKFAVERPQAHRLFVLVDGRCFQLADDALPHCIKGYLLRSEPKRDFHFVYRPLDGGGGGGGGSPCLVVR
EPNFL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

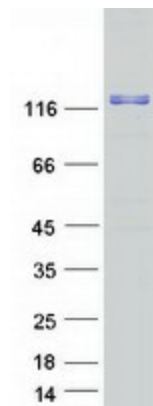
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079108
RefSeq Size:	3869
RefSeq ORF:	2955
Locus ID:	79890
UniProt ID:	Q8TB24 , Q6NSK7 , Q86U22
Cytogenetics:	14q32.12
Summary:	Summary: This protein encoded by this gene is a member of the RIN family of Ras interaction-interference proteins, which are binding partners to the RAB5 small GTPases. The protein functions as a guanine nucleotide exchange for RAB5B and RAB31. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified RIN3 protein (Cat# [TP324104]). The protein was produced from HEK293T cells transfected with RIN3 cDNA clone (Cat# [RC224104]) using MegaTran 2.0 (Cat# [TT210002]).