

Recombinant Human RIN3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RIN3-6172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RIN3 MS Standard C13 and N15-labeled recombinant protein (NP_079108) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	107.7 kDa
AA Sequence	MIRHAGAPARGDPTGPVPVVGKGEEEEEDGMRLCLPANPKNCLPHRRGISILEKLI KTCPVWLQLSLGQAEVARILHRVVAGMFLVRRDSSSKQLVLCVHFPSLNESSAEVLE YTIKEEKSILYLEGSALVFEDIFRLIAFYCVSRDLLPFTLRLPQAILEASSFTDLETIANL GLGFWDSSLNPPQERGKPAEPPRDRAPGFPLVSSLRPTAHDANCACEIELSVGNDR LWFFVNIPIFIEDCSSALPTDQPPLGNCPARPLPPTSDATSPTSRSWAPRRPPPPPPVLP LQPCSPAQPPVLPALAPAPACPLPTSPVPAPHVTPHAPGPPDHPNQPPMMTCERL PCPTAGLGPLREEAMKPGAASSPLQQVPAPPLPAKKNLPTAPRRRVSERVSLEDQ SPGMAAEGDQLSLPPQGTSDGPEDTPRESTEQGQDTEVKASDPHSMPELPRTAKQ PPVPPPRKKRISRQLASTLPAPLENAELCTQAMALETPTPGPPREGQSPASQAGTQ

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HPPAQATAHSQSSPEFKGSLASLSDSLGVSMATDQDSYSTSSTEEELEQFSSPSV
 KKKPSMILGKARHRLSFASFSSMFHAFLSNNRKLYKKVVELAQDKGSYFGSLVQDY
 KVYSLEMMARQTSSTEMLQEIRTTMTQLKSYLLQSTELKALVDPALHSEEELEAIVE
 SALYKCVLKPLKEAINSCLHQIHSKDGSLQQLKENQLVILATTTTDLGVTTSVPEVPM
 MEKILQKFTSMHKAYSPEKKISILLKTCKLIYDSMALGNPGKPYGADDFLPVLMYVLA
 RSNLTEMLLNVEYMMELMDPALQLGEGSYLLTTTYGALEHIKSYDKITVTRQLSVEV
 QDSIHRWERRRTL NKARASRSSVQDFICVSYLEPEQQARTLASRADTQAQALCAQC
 AEKFAVERPQAHRLFVLVDGRCFQLADDALPHCIKGYLLRSEPKRDFHFVYRPLDG
 GGGGGGGSPCLVVREPNFLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 RIN3 Ras and Rab interactor 3 [Homo sapiens (human)]

Official Symbol RIN3

Synonyms RIN3; Ras and Rab interactor 3; ras and Rab interactor 3; FLJ22439; RAB5 interacting protein 3; ras interaction/interference protein 3; FLJ11700; DKFZp762H1613;

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Gene ID	79890
mRNA Refseq	NM_024832
Protein Refseq	NP_079108
MIM	610223
UniProt ID	Q8TB24
SDS-PAGE	