

Recombinant Human RIN2 Protein, MYC/DDK-tagged

Cat. No. RIN2-1347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RIN2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The RAB5 protein is a small GTPase involved in membrane trafficking in the early endocytic pathway. The protein encoded by this gene binds the GTP-bound form of the RAB5 protein preferentially over the GDP-bound form, and functions as a guanine nucleotide exchange factor for RAB5. The encoded protein is found primarily as a tetramer in the cytoplasm and does not bind other members of the RAB family. Mutations in this gene cause macrocephaly alopecia cutis laxa and scoliosis (MACS) syndrome, an elastic tissue disorder, as well as the related connective tissue disorder, RIN2 syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	100 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	Ras and Rab interactor 2 [Homo sapiens]
Official Symbol	RIN2
Synonyms	MACS; RASSF4
Gene ID	54453
mRNA Refseq	NM_018993
Protein Refseq	NP_061866
MIM	610222
UniProt ID	Q8WYP3

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