

Recombinant Human RIN2 Protein, GST-tagged

Cat. No. RIN2-722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RIN2 protein (residues (785-879)) was expressed in E. coli with GST tag.
Species	Human
Source	E.coli
ProteinLength	785-879 a.a.
Description	RIN2, only expressed in neurons, preferentially interacts with the GTP form of Rab5 rather than the GDP form, although it enhances the guanine exchange reaction on Rab5. Moreover, gel filtration and immunoprecipitation analyses suggest that RIN2 could form a tetramer composed of anti-parallel linkage of two parallel dimers. These results suggest that RIN2 may function as an upstream activator and/or downstream effector for Rab5 in the endocytic pathway. Additionally RIN2 interacts with several Ras proteins, it binds the GTP-loaded forms of H-Ras, TC21 and M-Ras.
Form	25 mM HEPES pH 7.5, 50 mM NaCl, 1 mM EDTA and 50% glycerol
Purity	> 95 % (SDS-PAGE)
Storage	Store at -20 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	RIN2 RAB5 interacting protein 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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