

Product datasheet for TP313759

RIN2 (NM_018993) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Ras and Rab interactor 2 (RIN2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213759 representing NM_018993 Red=Cloning site Green=Tags(s)

MTAWTMGARGLDKRGSAFFKLIIDTIASEIGELKQEMVRTDVNLENGLEPAETHSMVRHKDGGYSEEDVKT
CARDSGYDSLNSRLSILDRLLHHPHPIWLQLSLSEEEAAEVLQAQPPGIFLVHKSTKMQKKVLSLRPCEF
GAPLKEFAIKESTYTFSLGSGISFADLFRLIAFYCISRDLVLPFTLKLPAIASTAKSEAQLEELAQMGLN
FWSSPADSKPPNLPPPHRPLSSDGVCPASLRQLCLINGVHSIKTRTPSELECSQTNGALCFINPLFLKVH
SQDLSGGLKRPSTRTPNANGTERTRSPPPPPPPAINSLHTSPRLARTETQTSMPETVNHKNGHGNVALPG
TKPTPIPPRLKKQASFLAEGGAKTLSGGRPGAGPELELGTAGSPGGAPPEAAPGDCTRAPPSSSRP
PCHGGRQLSDMSISTSSSDSLEFDRSMPLFGYEADTNSSELEDYEGESDQETMAPPIKSKKKRSSSFVLP
KLVKSQLQKVSFSSFMTPEKRMVRRIAELSRDKCTYFGCLVQDYVSFLQENKECHVSSTDMLQIRQF
MTQVKNYLSQSSELDPIESLIPEDQIDVWLEKAMHKCILKPLKGVHVEAMLKDFHMADGSKWQLKENLQL
VRQRNPQELGVFAPTPDFVDVEKIKVFMQKMYSPKVMMLLRVCKLIYVMENNSGRMYGADDFLP
VLTYYVIAQCDMLELDTEIEYMMELLDPSLLHGEGGYLTSAYGALSLIKNFQEEQAARLLSSETRDTRLRQ
WHKRRTTNRTIPSVDDFQNYLRVAFQEVNSGCTGKTLVLRPYITTEDVCQICAEKFKVGDPEEYSLFLFV
DETWQQLAEDTYPQKIKAEHLSRPQPHIFHFVYKRIKNDPYGIIFQNGEEDLTTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

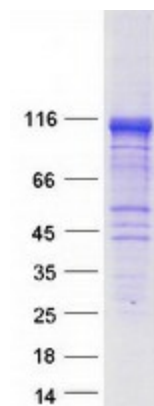
Tag:	C-Myc/DDK
Predicted MW:	100 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_061866
Locus ID:	54453
UniProt ID:	Q8WYP3
RefSeq Size:	4259
Cytogenetics:	20p11.23
RefSeq ORF:	2685
Synonyms:	MACS; RASSF4
Summary:	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]

Product images:



Coomassie blue staining of purified RIN2 protein (Cat# TP313759). The protein was produced from HEK293T cells transfected with RIN2 cDNA clone (Cat# [RC213759]) using MegaTran 2.0 (Cat# [TT210002]).