

Product datasheet for PH318153

RAB3IP (NM_022456) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB3IP MS Standard C13 and N15-labeled recombinant protein (NP_071901)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218153
Predicted MW:	51.1 kDa
Protein Sequence:	>RC218153 representing NM_022456 Red=Cloning site Green=Tags(s)

MANDPLEGFHEVNLASPTSPDLLGVYESGTQEQTSPSVIYRPHPSALSSVPIQANALDVSELPTQPVYS
SPRRLNCAEISSISFHVTDPA PCSTSGVTAGLTKLTTRKDNNAEREF LQGATITEACDGSDDIFGLSTD
SL SRLRSPSVLEVREKGYERLKEELAKAQRELKLD EECERLSKVRDQLGQEEELTASLFEEAHKMVRE
ANIKQATAEKQLKEAQGKIDVLQAEVAALKTLV LSSSPTSPTQEPLPGGKTPFKKGHTRNKSTSSAMSGS
HQDL SVIQPIVKDCKEADLSLYNEFRLWKDEPTMDRTCPFLDKIYQEDIFPCLTF SKSELASAVLEAVEN
NTLSIEPVGLQPIRFVKASAVECGGPKKCAL TGQSKSCKHRIKLGSSNYYYYISPF CRYRITSVCNFFTY
IRYIQQLVKQDQVDMFWEVMQLRKEMSLAKLGYFKEEL

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.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_071901</u>
RefSeq Size:	1855
RefSeq ORF:	1380
Synonyms:	RABIN3; RABIN8



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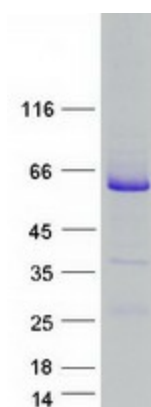
Locus ID: 117177

UniProt ID: [Q96QF0](#)

Cytogenetics: 12q15

Summary: Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5. Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface. Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RAB3IP protein (Cat# [TP318153]). The protein was produced from HEK293T cells transfected with RAB3IP cDNA clone (Cat# [RC218153]) using MegaTran 2.0 (Cat# [TT210002]).