

Product datasheet for PH301464

RAB10 (NM_016131) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB10 MS Standard C13 and N15-labeled recombinant protein (NP_057215)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201464
Predicted MW:	22.5 kDa
Protein Sequence:	>RC201464 protein sequence Red=Cloning site Green=Tags(s) MAKKTYDLLFKLLLIGDSGVGKTCVLFRRSDDAFNTTFISTIGIDFKIKTVELQGKIKLQIWDTAGQER FHTITTSYYRGAMGIMLVYDITNGKSFENISKWLRNIDEHANEDVERMLLGKCDMDKRVVPKGGGEQI AREHGIRFFETSAKANINIEKAFLTLAEDILRKTPVKEPNSENVDISSGGVGTGWKSKCC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_057215
RefSeq Size:	3785
RefSeq ORF:	600
Locus ID:	10890
UniProt ID:	P61026
Cytogenetics:	2p23.3

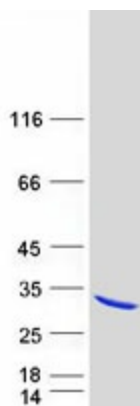


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Summary: RAB10 belongs to the RAS (see HRAS; MIM 190020) superfamily of small GTPases. RAB proteins localize to exocytic and endocytic compartments and regulate intracellular vesicle trafficking (Bao et al., 1998 [PubMed 9918381]).[supplied by OMIM, Mar 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB10 protein (Cat# [TP301464]). The protein was produced from HEK293T cells transfected with RAB10 cDNA clone (Cat# [RC201464]) using MegaTran 2.0 (Cat# [TT210002]).