

Product datasheet for PH300249

RAB31 (NM_006868) Human Mass Spec Standard

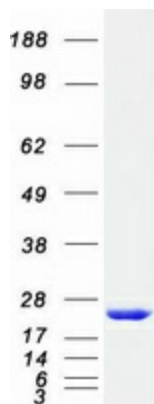
Product data:

Product Type:	Mass Spec Standards
Description:	RAB31 MS Standard C13 and N15-labeled recombinant protein (NP_006859)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200249
Predicted MW:	21.7 kDa
Protein Sequence:	>RC200249 protein sequence Red=Cloning site Green=Tags(s) MMAIRELKVCLLGDTGVGKSSIVCRFVQDHFHDHNSPTIGASFMTKTVPCGNELHKFLIWDTAGQERFHS LAPMYRGSAAAVIVYDITKQDSFYTLKKWVKELKEHGPENIVMAIAGNKCDLSDIREVPLKDAKEYAES IGAIIVVETSAKNAINIEELFQGISRQIPPLDPHENGNGTIKVEKPTMQASRRCC 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_006859
RefSeq Size:	4009
RefSeq ORF:	585
Synonyms:	Rab22B
Locus ID:	11031
UniProt ID:	Q13636



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Cytogenetics:	18p11.22
Summary:	Small GTP-binding proteins of the RAB family, such as RAB31, play essential roles in vesicle and granule targeting (Bao et al., 2002 [PubMed 11784320]).[supplied by OMIM, Jul 2009]
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis

Product images:

Coomassie blue staining of purified RAB31 protein (Cat# [TP300249]). The protein was produced from HEK293T cells transfected with RAB31 cDNA clone (Cat# [RC200249]) using MegaTran 2.0 (Cat# [TT210002]).