

Product datasheet for PH305698

Rab9 (RAB9A) (NM_004251) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB9A MS Standard C13 and N15-labeled recombinant protein (NP_004242)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205698
Predicted MW:	22.8 kDa
Protein Sequence:	>RC205698 protein sequence Red=Cloning site Green=Tags(s) MAGKSSLFKVILLGDGGVGKSSLMNRYVTNKFDLQFHTIGVEFLNKDLEVDGHFVTMQIWDTAGQERFR SLRTPFYRGSDCCLLTFVDDSQSQNL SNWKKEFIYYADVKEPESFPFVILGNKIDISERQVSTEEAQA WCRDNGDYPYFETS AKDATNVAAAFEEAVRRVLATEDRSDHLIQTDTVNLHRKPKPSSSSCC 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_004242
RefSeq Size:	1377
RefSeq ORF:	603
Synonyms:	RAB9
Locus ID:	9367
UniProt ID:	P51151 , A0A024RBV5



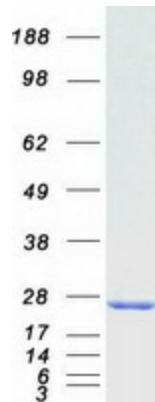
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Cytogenetics: Xp22.2

Summary: Involved in the transport of proteins between the endosomes and the trans Golgi network. Involved in the recruitment of SGSM2 to melanosomes and is required for the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB9A protein (Cat# [TP305698]). The protein was produced from HEK293T cells transfected with RAB9A cDNA clone (Cat# [RC205698]) using MegaTran 2.0 (Cat# [TT210002]).