Product datasheet for PH304651

RAB8B (NM_016530) Human Mass Spec Standard

Product data:

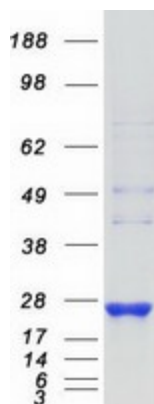|	
Product Type:	Mass Spec Standards
Description:	RAB8B MS Standard C13 and N15-labeled recombinant protein (NP_057614)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204651
Predicted MW:	23.6 kDa
Protein Sequence:	>RC204651 protein sequence Red=Cloning site Green=Tags(s) MAKTYDYLFKLLLIGDSGVGKTCLLFRFSEDAFNTTFISTIGIDFKIRTIELDGKKIKLQIWDTAGQERF RTITTAYYRGAMGIMLVYDITNEKSFDNIKNWIRNIEEHASSDVERMILGNKCDMNDKRQVSKERGEKLA IDYGIKFLETSAKSSANVEEAFFTLARDIMTKLNRKMNDSNSAGAGGPVKITENRSKKTSFFRCSLL 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_057614
RefSeq Size:	4877
RefSeq ORF:	621
Locus ID:	51762
UniProt ID:	Q92930
Cytogenetics:	15q22.2

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Summary: RAB proteins, like RAB8B, are low molecular mass monomeric GTPases that localize on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB proteins function in intracellular vesicle transport by aiding in the docking and/or fusion of vesicles with their target membranes (summary by Chen et al., 1997 [PubMed 9030196]).[supplied by OMIM, Nov 2010]

Protein Families: Druggable Genome

Product images:

Coomassie blue staining of purified RAB8B protein (Cat# [TP304651]). The protein was produced from HEK293T cells transfected with RAB8B cDNA clone (Cat# [RC204651]) using MegaTran 2.0 (Cat# [TT210002]).