

Product datasheet for PH307062

RAB39 (RAB39A) (NM_017516) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB39 MS Standard C13 and N15-labeled recombinant protein (NP_059986)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207062
Predicted MW:	25 kDa
Protein Sequence:	>RC207062 protein sequence Red=Cloning site Green=Tags(s) METIWIYQFRLIVIGDSTVGKSCLLHRFTQGRFPLRSPACDPTVGVDFFSRLLEIEPGKRIKLQLWDTA GQERFRSITRSYYRNSVGGFLVFDITNRRSFEHVKDWLEAKMYVQPFRIVFLLVGHKCDLASQRQVTR EAEKLSADCGMKYIETSAKDATNVEESFTILTRDIYELIKKGEICIQDGWEGVKSGFVPNTVHSSEEAVK PRKEFC 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:	NP_059986
RefSeq Size:	1845
RefSeq ORF:	651
Synonyms:	RAB39
Locus ID:	54734
UniProt ID:	Q14964



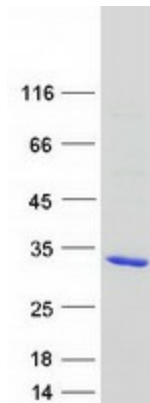
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Cytogenetics: 11q22.3

Summary: Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as *S.aureus* and *M.tuberculosis*. Plays a role in vesicular trafficking. Plays a role in the fusion of phagosomes with lysosomes. Negatively regulates LPS-induced autophagosome formation in macrophages possibly by implicating PI3K (PubMed:24349490). May be involved in multiple neurite formation (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB39A protein (Cat# [TP307062]). The protein was produced from HEK293T cells transfected with RAB39A cDNA clone (Cat# [RC207062]) using MegaTran 2.0 (Cat# [TT210002]).