

Product datasheet for PH306834

RAB20 (NM_017817) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB20 MS Standard C13 and N15-labeled recombinant protein (NP_060287)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206834
Predicted MW:	26.3 kDa
Protein Sequence:	>RC206834 protein sequence Red=Cloning site Green=Tags(s) MRKPDSKIVLLGDMNVGKTSLLQRYMERRFPDVTSTVGGAFYLKQWRSYNISIWDTAGREQFHGLGSMYCRGAAAIILTYDYNHRQSLVELEDRFLGLTDTASKDCLFAIVGNKVDLTEEGALAGQEKEECSPNMDAGDRVSPRAPKQVQLEDAVALYKILKYKMLDEQDVPAAEQMCFETSAKTGYNVDLLFETLFDLVVPMILQQRAPERPSHTVDISSHKPPKRTRSGCCA 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_060287
RefSeq Size:	1530
RefSeq ORF:	702
Locus ID:	55647
UniProt ID:	Q9NX57
Cytogenetics:	13q34

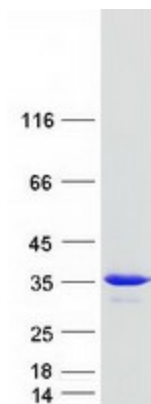


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Summary: Plays a role in apical endocytosis/recycling. Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in the fusion of phagosomes with lysosomes.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB20 protein (Cat# [TP306834]). The protein was produced from HEK293T cells transfected with RAB20 cDNA clone (Cat# [RC206834]) using MegaTran 2.0 (Cat# [TT210002]).