

## Product datasheet for PH309722

### RAB34 (NM\_031934) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RAB34 MS Standard C13 and N15-labeled recombinant protein (NP_114140)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209722
Predicted MW:	29.1 kDa
Protein Sequence:	>RC209722 protein sequence Red=Cloning site Green=Tags(s)  MNILAPVRRDRVLAELPQCLRKEAALHGKDFHPRVTCACQEHRTGTVGFKISKVIVVGDLSVGKTCCLIN RFCKDTFDKNYKATIGVDFEMERFEVLGIPFSLQLWDTAGQERFKCIASTYYRGAQAIIVFNLNDVASL EHTKQWLADALKENDPSSVLLFLVGSKKDLSTPAQYALMEKDALQVAQEMKAEYWAVSSLTGENVREFF RVAALTFEANVLALEKSGARRIGDVVRINSDDNNLYLTASKKKPTCCP  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u>NP_114140</u>
RefSeq Size:	1785
RefSeq ORF:	777
Synonyms:	NARR; RAB39; RAH
Locus ID:	83871
UniProt ID:	<u>Q9BZG1</u> , <u>A0A024QZ68</u>



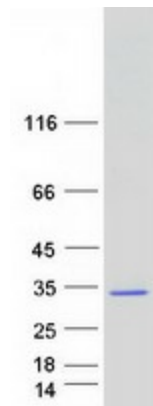
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Cytogenetics: 17q11.2

**Summary:** This gene encodes a protein belonging to the RAB family of proteins, which are small GTPases involved in protein transport. This family member is a Golgi-bound member of the secretory pathway that is involved in the repositioning of lysosomes and the activation of macropinocytosis. Alternative splicing of this gene results in multiple transcript variants. An alternatively spliced transcript variant produces the nine-amino acid residue-repeats (NARR) protein, which is a functionally distinct nucleolar protein resulting from a different reading frame. [provided by RefSeq, Dec 2016]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified RAB34 protein (Cat# [TP309722]). The protein was produced from HEK293T cells transfected with RAB34 cDNA clone (Cat# [RC209722]) using MegaTran 2.0 (Cat# [TT210002]).