

## Product datasheet for PH319810

### RAB27A (NM\_183235) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RAB27A MS Standard C13 and N15-labeled recombinant protein (NP_899058)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219810
Predicted MW:	24.9 kDa
Protein Sequence:	<p>&gt;RC219810 representing NM_183235</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSDGDYDYLIKFLALGDSGVGKTSVLYQYTDGKFNSKFITTVGIDFREKRVVYRASGPDGATGRGQRIHL            QLWDTAGQERFRLTTAFFRDAMGFLLLFDLTNEQSFLNVRNWISQLQMHAYCENPDIVLCGNKSDLEDQ            RYVKEEEAIALAEKYGIPYFETSAANGTNISQAIEMLLDLIMKRMERCVDKSWIPEGVVRSNGHASTDQL            SEEKEKGACGC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<a href="#">NP_899058</a>
RefSeq Size:	3464
RefSeq ORF:	663
Synonyms:	GS2; HsT18676; RAB27; RAM
Locus ID:	5873
UniProt ID:	<a href="#">P51159</a> , <a href="#">A2RU94</a>

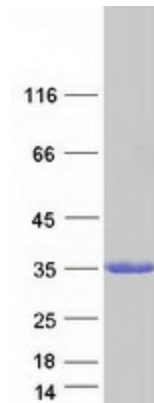

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**Cytogenetics:** 15q21.3

**Summary:** The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

## Product images:



Coomassie blue staining of purified RAB27A protein (Cat# [TP319810]). The protein was produced from HEK293T cells transfected with RAB27A cDNA clone (Cat# [RC219810]) using MegaTran 2.0 (Cat# [TT210002]).