

## Product datasheet for PH305505

### RAB18 (NM\_021252) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RAB18 MS Standard C13 and N15-labeled recombinant protein (NP_067075)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205505
Predicted MW:	23 kDa
Protein Sequence:	>RC205505 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MDEDVLTTLKILIIIGESGVGKSSLLRFTDDTFPELAATIGVDFKVKTISVDGNKAKLAIWDTAGQERF RTLTPSYRGAQGVILVYDVTRRDTFVKLDNWLNELETYCTRNDIVNMLVGNKIDKENREVDRNEGLKFA RKHSMLFIEASAKTCDGVQCAFEELVEKIIQTPGLWESENQNKGVKLSHREEGQGGGACGGYCSVL  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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_067075</a>
RefSeq Size:	5003
RefSeq ORF:	618
Synonyms:	RAB18LI1; WARBM3
Locus ID:	22931
UniProt ID:	<a href="#">Q9NP72</a>



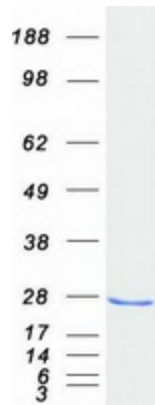
[View online »](#)

Cytogenetics: 10p12.1

**Summary:** The protein encoded by this gene is a member of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles. Knockdown studies in zebrafish suggest that this protein may have a role in eye and brain development. Mutations in this gene are associated with Warburg micro syndrome type 3. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified RAB18 protein (Cat# [TP305505]). The protein was produced from HEK293T cells transfected with RAB18 cDNA clone (Cat# [RC205505]) using MegaTran 2.0 (Cat# [TT210002]).