

## Product datasheet for PH300924

### RAP1GDS1 (NM\_021159) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RAP1GDS1 MS Standard C13 and N15-labeled recombinant protein (NP_066982)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200924
Predicted MW:	66.3 kDa
Protein Sequence:	>RC200924 protein sequence Red=Cloning site Green=Tags(s)

MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNTETSEKIQASGILQLFATLLTPQSSCKAKVA  
NIIAEVAKNEFMRI PCVDAGLISPLVQLLNSKDQEVLLQTGRALGNICYDSHEGRSAVDQAGGAQIVIDH  
LRSLCSITDPANEKLLTVFCGMLMNYSNENDSLQAQLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNL  
AELESSKEQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVECLLEIVQQKVD  
SDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFORVLSWIPSNHQLQLAGALAIANFARNDAN  
CIHMVDNGIVEKLMDLLDRHVEDGNVTVQHAAL SALRNLAIPVINKAKMLSAGVTEAVLKFLKSEMPVQ  
FKLLGTLRMLIDAQEAEEQLGKNVKLVERLVEWCEAKDHAGVMGESNRLLSALIRHKS KSDVIKTI VQSG  
GIKHLVTMATSEHVIMQNEALVALALIAALELGTAEKDLES AKLVQILHRL LADERSAPEIKYNSMVLIC  
ALMGSECLHKEVQDLAFLDVVSKLRSHENKSVAQQASL TEQRLTVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

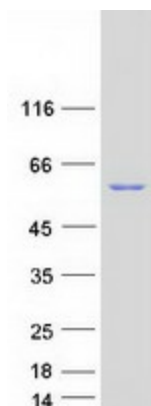
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</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_066982</a>
RefSeq Size:	3767
RefSeq ORF:	1821



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Synonyms:	GDS1; SmgGDS
Locus ID:	5910
UniProt ID:	<a href="#">P52306</a>
Cytogenetics:	4q23
Summary:	The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).[supplied by OMIM, Feb 2010]

### Product images:



Coomassie blue staining of purified RAP1GDS1 protein (Cat# [TP300924]). The protein was produced from HEK293T cells transfected with RAP1GDS1 cDNA clone (Cat# [RC200924]) using MegaTran 2.0 (Cat# [TT210002]).