

Product datasheet for PH312781

RAP1GDS1 (NM_001100427) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAP1GDS1 MS Standard C13 and N15-labeled recombinant protein (NP_001093897)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212781
Predicted MW:	66.3 kDa
Protein Sequence:	>RC212781 protein sequence Red=Cloning site Green=Tags(s)

MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNTETSEKIQASGILQLFATLLTPQSSCKAKVA
 NIIAEVAKNEFMRIPCVDAGLISPLVQLLNSKDQEVLLQTGRALGNICYDSHEGRSAVDQAGGAQIVIDH
 LRSLCSITDPANEKLLTVFCGMLMNYSNENDSLQAQLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNL
 AELESSKEQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVECLLEIVQQKVD
 SDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFORVLSWIPSNNHQLQLAGALAIANFARNDAN
 CIHMVDNGIVEKLMDLLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTEAVLKFLKSEMPVQ
 FKLLGTLRMLIDAQEAEEQLGKNVKLVERLVEWCEAKDHAGVMGESNRLLSALIRHSKSKDVIKTIVQSG
 GIKHLVTMATSEHVIMQNEALVALALIAALELGTAEKDLES AKLVQILHRLADERSAPEIKYNSMVLIC
 ALMGSECLHKEVQDLAFLDVVSKLRSHENKSVAQQASL TEQRLTVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

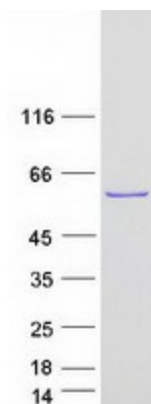
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_001093897
RefSeq Size:	3767
RefSeq ORF:	1821



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Synonyms:	GDS1; SmgGDS
Locus ID:	5910
UniProt ID:	P52306 , B3KNU0
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# [TP312781]). The protein was produced from HEK293T cells transfected with RAP1GDS1 cDNA clone (Cat# [RC212781]) using MegaTran 2.0 (Cat# [TT210002]).