

Product datasheet for **TP300924M**

RAP1GDS1 (NM_021159) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human RAP1, GTP-GDP dissociation stimulator 1 (RAP1GDS1), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200924 protein sequence
Red=Cloning site **Green**=Tags(s)

MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNNTETSEKIQASGILQLFATLLTPQSSCKAKVA
NIIAEVAKNEFMRI PCVDAGLISPLVQLLNSKDQEVLLQTGRALGNICYDSHEGRSAVDQAGGAQIVIDH
LRSLCSITDPANEKLLTVFCGMLMNYSNENDSLQAQLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNL
AELESSKEQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVECLLEIVQQKVD
SDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNHQLQLAGALAIANFARNDAN
CIHMDVNGIVEKLMDLLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTEAVLKFLLKSEMPVQ
FKLLGTLRMLIDAQEAEEQLGKNVKLVERLVEWCEAKDHAGVMGESNRLLSALIRHSKSKDVIKTIVQSG
GIKHLVTMATSEHVIMQNEALVALALIAALELGTAEKDLES AKLVQILHRLADERSAPEIKYNSMVLIC
ALMGSECLHKEVQDLAFLDVSKLRSHENKSVAAQQASL TEQRLTVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 66.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

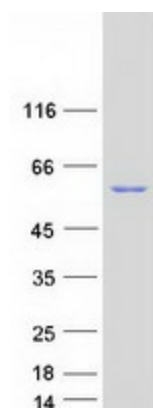
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_066982</u>
Locus ID:	5910
UniProt ID:	<u>P52306</u>
RefSeq Size:	3767
Cytogenetics:	4q23
RefSeq ORF:	1821
Synonyms:	GDS1; SmgGDS
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]).