

Product datasheet for TP300924

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200924 protein sequence Red =Cloning site Green =Tags(s)

MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNNTETSEKIQASGILQLFATLLTPQSSCKAKVA
NIIAEVAKNEFMRI PCVDAGLISPLVQLLNSKDQEVLLQTGRALGNICYDSHEGRSAVDQAGGAQIVIDH
LRSLCSITDPANEKLLTVFCGMLMNYSENENDSLQAQLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNL
AELESSKEQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVECLLEIVQQKVD
SDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNHQLQLAGALAIANFARNDAN
CIHMVDNGIVEKLMDLLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTEAVLKFLLKSEMPVQ
FKLLGTLRMLIDAQEAEEQLGKNVKLVERLVEWCEAKDHAGVMGESNRLLSALIRHSKSKDVIKTIVQSG
GIKHLVTMATSEHVIMQNEALVALALIAALELGTAEKDLES AKLVQILHRLADERSAPEIKYNSMVLIC
ALMGSECLHKEVQDLAFLDVSKLRSHENKSVAQQASL TEQRLTVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

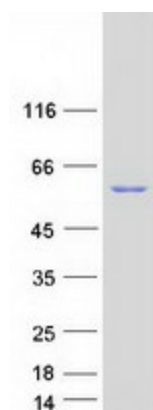
Tag:	C-Myc/DDK
Predicted MW:	66.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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]).