

Product datasheet for **TP300924L**

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, 1 mg

Species: Human

Expression Host: HEK293T

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

MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNNTETSEKIQASGILQLFATLLTPQSSCKAKVA
NIIAEVAKNEFMRI PCVDAGLISPLVQLLNSKDQEVLLQTGRALGNICYDSHEGRSAVDQAGGAQIVIDH
LRLCSITDPANEKLLTVFCGMLMNYSENENDSLQAQLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNL
AELESSKEQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVECLLEIVQQKVD
SDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNHQLQLAGALAIANFARNDAN
CIHMVDNGIVEKLMDLLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTEAVLKFLLKSEMPVQ
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.

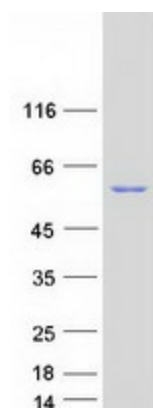
Storage: Store at -80°C.



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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: | NP_066982 |
| Locus ID: | 5910 |
| UniProt ID: | P52306 |
| 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]).