

Recombinant Human RAP1GDS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAP1GDS1-4168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAP1GDS1 MS Standard C13 and N15-labeled recombinant protein (NP_001093897) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity.
Molecular Mass	66.3 kDa
AA Sequence	MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNNTETSEKIQASGILQLFATLL TPQSSCKAKVANIIAEVAKNEFMRI PCVDAGLISPLVQLLNSKDQEVLLQTGRALGNIC YDSHEGRSAVDQAGGAQIVIDHLRSLCSITDPANEKLLTVFCGMLMNYSNENDSLQA QLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNLAELESSKEQFASTNIAEELVKLFK KQIEHDKREMIFEVLAPLAENDA IKLQLVEAGLVECLLEIVQQKVDSKD EDDITELKTG SDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNNHQLQLAGALAIANFARND A NCIHMVDNGIVEKLMDLLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTEA VLKFLKSEMPVQFKLLGTLRMLIDAEAAEQLGKNVKLVERLVEWCEAKDHAGVM GESNRLLSALIRHSKSKDVIKTIVQSGGIKHLVTMATSEHVIMQNEALVALALIAALELG TAEKDLES AKLVQILHRL LADERSAPEIKYNSMVLCALMGSECLHKEVQDLAFLDVV SKLRSHENKSVAQQASLTEQRLTVESTRTTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

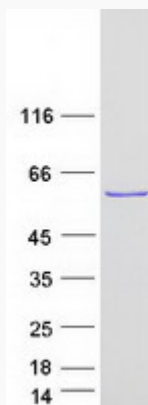
GENE INFORMATION

Gene Name	RAP1GDS1 Rap1 GTPase-GDP dissociation stimulator 1 [Homo sapiens (human)]
Official Symbol	RAP1GDS1
Synonyms	RAP1GDS1; RAP1, GTP-GDP dissociation stimulator 1; rap1 GTPase-GDP dissociation stimulator 1; SmgGDS; SMG GDS protein; exchange factor smgGDS; SMG P21 stimulatory GDP/GTP exchange protein; GDS1; MGC118859; MGC118861;
Gene ID	5910
mRNA Refseq	NM_001100427
Protein Refseq	NP_001093897
MIM	179502
UniProt ID	P52306

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SDS-PAGE

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