

Recombinant Human RAP1GDS1 protein, His-tagged

Cat. No. RAP1GDS1-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAP1GDS1 protein(176-406 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	176-406 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	QLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNLAELESSKEQFASTNIAEELVKLFFK KQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVECLLEIVQQKVDSKEDDITELKTG SDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNNHQLQLAGALAIANFARND NCIHMVDNGIVEKLMDLLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTE
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [RAP1GDS1 RAP1, GTP-GDP dissociation stimulator 1 \[Homo sapiens \]](#)

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;

mRNA Refseq [NM_001100426](#)

Protein Refseq [NP_001093896](#)

MIM [179502](#)

UniProt ID [P52306](#)

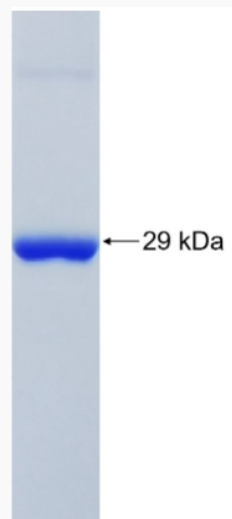
Gene ID [5910](#)

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SDS-PAGE



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