

Recombinant Human RAP1GDS1 protein, GST-tagged

Cat. No. RAP1GDS1-468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAP1GDS1 protein(NP_001093896)(176-406 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	176-406 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	QLINMGVIPTLVKLLGIHCQNAALTEMCLVAFGNLAELESSKEQFASTNIAEELVKLFK KQIEHDKREMIFEVLAPLAENDAIAKLQLVEAGLVECLLEIVQQKVDSDKEDDITELKTG SDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNHQLQLAGALAIANFARNDAN NCIHMVDNGIVEKLMDDLDRHVEDGNVTVQHAALSALRNLAIPVINKAKMLSAGVTE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

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;

Gene ID [5910](#)

mRNA Refseq [NM_001100426](#)

Protein Refseq [NP_001093896](#)

MIM [179502](#)

UniProt ID [P52306](#)

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SDS-PAGE