

Recombinant Human RALGPS1 protein, GST-tagged

Cat. No. RALGPS1-5744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RALGPS1 protein(1-305 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-305 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 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MYKRNGLMASVLVTSATPQGSSSSDSLEGQSCDYASKSYDAVVFVDLKVTPPEEFAS QITLMDIPVFKAIQPEELASCGWSKKEKHTLAPNVVAFTRRFNQVSFWVREILTAQT LKIRAEILSHFVKIAKKLLELNNLHSLMSVVSALQSAPIFRLTKTWALLNRKDKTTFEKL DYLMSKEDNYKRTREYIRSLKMVPSIPYLGIIYLLDIYIDSAYPASGSIMENEQRSNQNM NNILRIIADLQVSCSYDHLTTLPHVQKYLKSVRYIEELQKFVEDDNYKLSLRIEPGSSS PRLVSSKEDLAAM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [RALGPS1 Ral GEF with PH domain and SH3 binding motif 1 \[Homo sapiens \]](#)

Official Symbol [RALGPS1](#)

Synonyms

RALGPS1; Ral GEF with PH domain and SH3 binding motif 1; ras-specific guanine nucleotide-releasing factor RalGPS1; KIAA0351; RALGEF2; RALGPS1A; RalGEF 2; ralA exchange factor RalGPS1; ral guanine nucleotide exchange factor 2; ral GEF with PH domain and SH3-binding motif 1; Ral guanine nucleotide exchange factor RalGPS1A; RP13-225O21.1;

Gene ID [9649](#)

mRNA Refseq [NM_001190728](#)

Protein Refseq [NP_001177657](#)

MIM [614444](#)

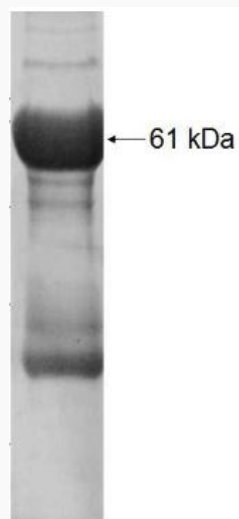
UniProt ID [Q5JS13](#)

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SDS-PAGE



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