Recombinant Human RAPGEFL1 protein, His-tagged

Cat. No. RAPGEFL1-2549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAPGEFL1 protein(1-290 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-290 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_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	MEGPEGLGRKQACLAMLLHFLDTYQGLLQEEEGAGHIIKDLYLLIMKDESLYQGLRE DTLRLHQLVETVELKIPEENQPPSKQVKPLFRHFRRIDSCLQTRVAFRGSDEIFCRVY MPDHSYVTIRSRLSASVQDILGSVTEKLQYSEEPAGREDSLILVAVSSSGEKVLLQPT EDCVFTALGINSHLFACTRDSYEALVPLPEEIQVSPGDTEIHRVEPEDVANHLTAFHW ELFRCVHELEFVDYVFHGERGRRETANLELLLQRCSEVTHWVATEVLLCEAPGKRA QLL
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 12 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 µg/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	RAPGEFL1 Rap guanine nucleotide exchange factor (GEF)-like 1 [Homo sapiens]
Official Symbol	RAPGEFL1
Synonyms	RAPGEFL1; Rap guanine nucleotide exchange factor (GEF)-like 1; RAP guanine nucleotide exchange factor (GEF) like 1; rap guanine nucleotide exchange factor-like 1; Link guanine nucleotide exchange factor II; Link GEFII; link GEFII; RAP guanine-nucleotide-exchange factor (GEF)-like 1; Link-GEFII; MGC134798; MGC134799;
Gene ID	51195
mRNA Refseq	NM_016339
Protein Refseq	NP_057423
UniProt ID	Q9UHV5
SDS-PAGE	

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