

Recombinant Human RASGRP1 protein, His-tagged

Cat. No. RASGRP1-2922H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RASGRP1 protein(678-797 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	678-797 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	QPWIGSEGPSGPFVLSSPRKTAQDTLYVLPSPSPVLRKRAFVKWENKDSL KSKEELRHLRLPTYQELEQEINTLKADNDALKIQLKYAQKKIESLQLEKSNHVLAQME QGDCS
Purity	90%, 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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

 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 with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	RASGRP1 RAS guanyl releasing protein 1 (calcium and DAG-regulated) [Homo sapiens]
Official Symbol	RASGRP1
Synonyms	RASGRP1; RAS guanyl releasing protein 1 (calcium and DAG-regulated); RAS guanyl-releasing protein 1; CalDAG GEFII; RASGRP; ras activator RasGRP; RAS guanyl nucleotide-releasing protein 1; calcium and DAG-regulated guanine nucleotide exchange factor II; guanine nucleotide exchange factor, calcium- and DAG-regulated, Rap1A; V; hRasGRP1; CALDAG-GEFI; CALDAG-GEFII; MGC129998; MGC129999;
Gene ID	10125
mRNA Refseq	NM_001128602
Protein Refseq	NP_001122074
MIM	603962
UniProt ID	O95267

 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