

Recombinant Human RAPGEF3 protein, His-tagged

Cat. No. RAPGEF3-3595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAPGEF3 protein(441-788 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	441-788 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	HFHVEPAGGSEQERSTYVCNKRQQILRLVSQWVALYGSM LHTDPVATSFLQKLSDL VGRDTRLSNLLREQWPERRRCHRLENGCGNASPQM KARNLPVWLPNQDEPLPGS SCAIQVGDKVPYDICRPDHSVLTQLPVTASVREVM AALAQEDGWTGKGQVLVKVNS AGDAIGLQPDARGVATSLGLNERLFVVNPQEVHELIPHPDQLGPTVGS AEGLDLVSA KDLAGQLTDHDWSLFNSIHQVELIHYVLGPQH LRDVTTANLERFMRRFNE LQYWVA TELCLCPVPGPRAQLLRKFIKLA AHLKEQKNLNSFFAVMFGLSNSAISRLAHTWERLP HKVRKLYSALE
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

 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

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

GENE INFORMATION

Gene Name [RAPGEF3 Rap guanine nucleotide exchange factor \(GEF\) 3 \[Homo sapiens \]](#)

Official Symbol [RAPGEF3](#)

Synonyms

RAPGEF3; Rap guanine nucleotide exchange factor (GEF) 3; RAP guanine nucleotide exchange factor (GEF) 3; rap guanine nucleotide exchange factor 3; bcm910; cAMP GEF1; EPAC; exchange protein directly activated by cAMP 1; EPAC 1; 9330170P05Rik; exchange factor directly activated by cAMP 1; cAMP-regulated guanine nucleotide exchange factor I; Rap1 guanine-nucleotide-exchange factor directly activated by cAMP; EPAC1; HSU79275; CAMP-GEF1; MGC21410;

Gene ID [10411](#)

mRNA Refseq [NM_001098531](#)

Protein Refseq [NP_001092001](#)

MIM [606057](#)

UniProt ID [O95398](#)

 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