

Recombinant Human RAPGEF2 protein, GST-tagged

Cat. No. RAPGEF2-7142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAPGEF2 protein(1255-1400 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1255-1400 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.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	GSHDNIQTIQHQRSWETLPFGHTHFDYSGDPAGLWASSSHMDQIMFSDHSTKYNR QNQSRESLEQAQSRASWASSTGYWGEDSEGDGTGTIKRRGGKDVSI EAESSLSV TTEETKPVPMPAHIAVASSTTKGLIARKEGRYREPP
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

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Official Symbol	RAPGEF2
Synonyms	RAPGEF2; Rap guanine nucleotide exchange factor (GEF) 2; PDZ domain containing guanine nucleotide exchange factor (GEF) 1 , PDZGEF1; rap guanine nucleotide exchange factor 2; DKFZP586O1422; KIAA0313; PDZ GEF1; RA GEF; Rap GEP; RA(Ras/Rap1A-associating)-GEF; neural RAP guanine nucleotide exchange protein; PDZ domain-containing guanine nucleotide exchange factor 1; PDZ domain containing guanine nucleotide exchange factor (GEF) 1; RA-GEF; NRAPGEP; PDZGEF1; Rap-GEP; CNrasGEF; PDZ-GEF1; nRap GEP;
Gene ID	9693
mRNA Refseq	NM_014247
Protein Refseq	NP_055062
MIM	609530
UniProt ID	Q9Y4G8