

Recombinant Human RASGRP3, GST-tagged

Cat. No. RASGRP3-2190H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RASGRP3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-349aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	RASGRP3 RAS guanyl releasing protein 3 (calcium and DAG-regulated) [Homo sapiens]
Official Symbol	RASGRP3
Synonyms	RASGRP3; RAS guanyl releasing protein 3 (calcium and DAG-regulated); ras guanyl-releasing protein 3; GRP3; KIAA0846; guanine nucleotide exchange factor for Rap1; calcium and DAG-regulated guanine nucleotide exchange factor III;

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Gene ID	25780
mRNA Refseq	NM_001139488
Protein Refseq	NP_001132960
MIM	609531
UniProt ID	Q8IV61
Chromosome Location	2p25.1-p24.1
Pathway	Activation of RAS in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor
Function	Rap GTPase activator activity; Ras GTPase binding; Ras guanyl-nucleotide exchange factor activity; calcium ion binding; diacylglycerol binding; kinase binding; signal transducer activity;