Recombinant Human RAP1 GTPase Activating Protein

Cat. No. RAP1GAP-1129H **Lot. No.** (See product label)

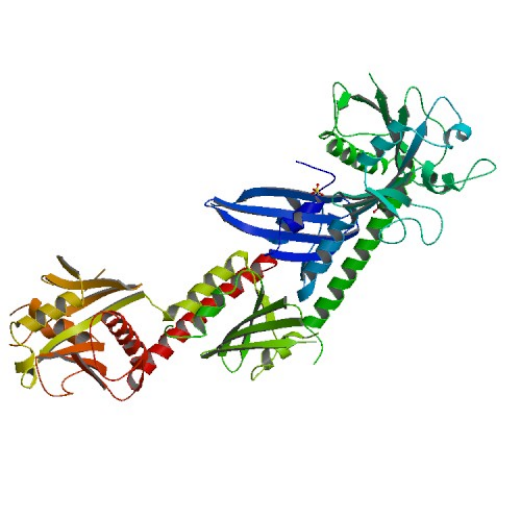
SPECIFICATION

Product Overview	
Species	Human
Source	E.coli
Description	RapGAP, the GTPase activating protein of Rap, catalyzes the transition of Rap from GTP-bound to GDP-bound state by hydrolysis of GTP. Rap proteins are GTPases of the Ras superfamily of G proteins opposing the Ras activation pathway. RapGap-341 is a catalytic active fragment comprising 341 amino acids (residues 75 - 415) of wild type Rap1GAP. RapGAP-341 (R91A) retained more than 50% activity in comparison to RapGAP-341.MW = 39.5 kDa.
Purity	> 95% by SDS-PAGE.
Form	Liquid. Supplied in PBS and 5 mM DTE.
Storage	Quality guaranteed for 12 months. Store at -80°C.Avoid freeze / thaw cycles.
Usage	For in vitro use only.

GENE INFORMATION

Gene Name	RAP1GAP RAP1 GTPase activating protein [Homo sapiens]
Synonyms	RAP1 GTPase activating protein; RAPGAP; RAP1GA1; KIAA0474; RAP1GAP1;

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	RAP1GAPII; RAP1GAP; RAP1, GTPase activating protein 1; OTTHUMP00000008709;Rap1GAP; Rap1GAP1
Gene ID	5909
mRNA Refseq	NM_001145657
Protein Refseq	NP_001139129
MIM	600278
UniProt ID	P47736
Chromosome Location	1p36.1-p35
Function	GTPase activator activity
PDB rendering based on 1srq.	

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