

Recombinant Human RASA3 cell lysate

Cat. No. RASA3-1474HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	RASA3 RAS p21 protein activator 3 [Homo sapiens]
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Official Symbol	RASA3
Synonyms	RASA3; RAS p21 protein activator 3; ras GTPase-activating protein 3; GAP1IP4BP; GAP1II; GAP1(IP4BP); ins P4-binding protein; GTPase activating protein III; Ins(1,3,4,5)P4-binding protein; inositol 1,3,4,5-tetrakisphosphate-binding protein; MGC46517; MGC47588;
Gene ID	22821
mRNA Refseq	NM_007368
Protein Refseq	NP_031394
MIM	605182
UniProt ID	Q14644
Chromosome Location	13q34
Pathway	MAPK Cascade, organism-specific biosystem;
Function	GTPase activator activity; Ras GTPase activator activity; calcium-release channel activity; metal ion binding;