

Recombinant Human RASAL1 cell lysate

Cat. No. RASAL1-1475HCL **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. These proteins stimulate 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 particular family member contains domains which are characteristic of the GAP1 subfamily of RasGAP proteins but, in contrast to the other GAP1 family members, this protein is strongly and selectively expressed in endocrine tissues.
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	RASAL1 RAS protein activator like 1 (GAP1 like) [Homo sapiens]
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Official Symbol	RASAL1
Synonyms	RASAL1; RAS protein activator like 1 (GAP1 like); rasGAP-activating-like protein 1; RASAL; GAP1 like protein;
Gene ID	8437
mRNA Refseq	NM_001193520
Protein Refseq	NP_001180449
MIM	604118
UniProt ID	O95294
Chromosome Location	12q23-q24
Function	Ras GTPase activator activity; metal ion binding; phospholipid binding;

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