Recombinant Human RASSF5

Cat. No. RASSF5-29726TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 188-390 of Human NORE1, containing the Ras Association Domain, with a proprietary tag; MWt 47 kDa with tag.
Species	Human
Source	E.coli
ProteinLength	188-390 a.a.
Description	This gene is a member of the Ras association domain family. It functions as a tumor suppressor, and is inactivated in a variety of cancers. The encoded protein localizes to centrosomes and microtubules, and associates with the GTP-activated forms of Ras, Rap1, and several other Ras-like small GTPases. The protein regulates lymphocyte adhesion and suppresses cell growth in response to activated Rap1 or Ras. Multiple transcript variants encoding different isoforms have been found for this gene.
Tissue specificity	Widely expressed. Frequently down-regulated in lung tumor cell lines and primary lung tumors.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: PBS, 1mM EDTA

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Contains 1 phorbol-ester/DAG-type zinc finger.Contains 1 Ras-associating domain.Contains 1 SARAH domain.

GENE INFORMATION

Gene Name	RASSF5 Ras association (RalGDS/AF-6) domain family member 5 [Homo sapiens]
Official Symbol	RASSF5
Synonyms	RASSF5; Ras association (RalGDS/AF-6) domain family member 5; ras association domain-containing protein 5; Maxp1; NORE1; RAPL;
Gene ID	83593
mRNA Refseq	NM_182663
Protein Refseq	NP_872604
MIM	607020
Uniprot ID	Q8WWW0
Chromosome Location	1q31
Pathway	Leukocyte transendothelial migration, organism-specific biosystem; Leukocyte transendothelial migration, conserved biosystem; Non-small cell lung cancer, organism-specific biosystem; Non-small cell lung cancer, conserved biosystem;

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	Pathways in cancer, organism-specific biosystem;
Function	identical protein binding; metal ion binding; protein binding;

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