

Recombinant Human RASSF5, His-tagged

Cat. No. RASSF5-29658TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 35-260 of Human NORE1 Isoform 2 with an N terminal His tag; MWt 26 kDa.
Species	Human
Source	E.coli
ProteinLength	35-260 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.
Conjugation	HIS
Tissue specificity	Widely expressed. Frequently down-regulated in lung tumor cell lines and primary lung tumors.
Form	Lyophilised:Reconstitute with 123 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

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	phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	SKHLSKNVCKPVEETQRPPTLQEIKQKIDSYNTREKNCLG MKLSEDGTYTGFIKVHL KLRRPVTVPAGIRPQSIYDAI KEVNLAATTDKRTSFYLPDAIKQLHISSTTTVSEVIQ GLLKKFMVVDNPQKFALFKRIHKDGVLFQKLSIADRP LYLRLLAGPDTEVLSFVLKE NETGEVEWDAFSIPELQNFLTILEKEEQDKIQVQKKYDKFRQKLEELRES
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; Pathways in cancer, organism-specific biosystem;
Function	identical protein binding; metal ion binding; protein binding;

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