

Recombinant Mouse Rassf5 Protein, Myc/DDK-tagged

Cat. No. Rassf5-5397M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Ras association (RalGDS/AF-6) domain family member 5 (Rassf5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Potential tumor suppressor. Seems to be involved in lymphocyte adhesion by linking RAP1A activation upon T-cell receptor or chemokine stimulation to integrin activation. Isoform 2 stimulates lymphocyte polarization and the patch-like distribution of ITGAL/LFA-1, resulting in an enhanced adhesion to ICAM1. Together with RAP1A may participate in regulation of microtubule growth. The association of isoform 2 with activated RAP1A is required for directional movement of endothelial cells during wound healing. May be involved in regulation of Ras apoptotic function. The RASSF5-STK4/MST1 complex may mediate HRAS and KRAS induced apoptosis.
Molecular Mass	46.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Rassf5 Ras association \(RalGDS/AF-6\) domain family member 5 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Rassf5](#)

Synonyms RASSF5; Ras association (RalGDS/AF-6) domain family member 5; ras association domain-containing protein 5; new ras effector 1; Rap1-binding protein; novel ras effector 1; Ras association (RalGDS/AF-6) domain family 5; regulator for cell adhesion and polarization enriched in lymphoid tissues; Rap1; Maxp1; Nore1; Nore1A; Nore1B; AU042887; 1300019G20Rik; MGC107647

Gene ID [54354](#)

mRNA Refseq [NM_018750](#)

Protein Refseq [NP_061220](#)

UniProt ID [Q5EBH1](#)

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