

Product datasheet

Recombinant Human RASSF5 protein ab90277

製品の概要

製品名	Recombinant Human RASSF5 protein
タンパク質長	Protein fragment

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

生物種	Human
領域	188 to 390

特性

Our [Abpromise guarantee](#) covers the use of **ab90277** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
精製度	> 90 % SDS-PAGE.

製品の状態	Liquid
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前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: PBS, 0.0292% EDTA
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関連情報

機能	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
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directional movement of endothelial cells during wound healing. May be involved in regulation of Ras apoptotic function. The RASSF5-STK4 complex may mediate HRAS1 and KRAS induced apoptosis.

組織特異性

Widely expressed. Frequently down-regulated in lung tumor cell lines and primary lung tumors.

配列類似性

Contains 1 phorbol-ester/DAG-type zinc finger.

Contains 1 Ras-associating domain.

Contains 1 SARAH domain.

細胞内局在

Cytoplasm. Cytoplasm > cytoskeleton. Isoform 2 is mainly located in the perinuclear region of unstimulated primary T cells. Upon stimulation translocates to the leading edge and colocalizes with ITGAL/LFA-1 in the peripheral zone of the immunological synapse. Isoform 2 is localized to growing microtubules in vascular endothelial cells and is dissociated from microtubules by activated RAP1A.

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