

Datasheet for ABIN7557438

RASSF5 Protein (AA 1-413) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RASSF5
Protein Characteristics:	AA 1-413
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASSF5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rassf5 Protein expressed in mammalian cells.
Sequence:	MASPAIGQRP YPLLLDPEPP RYLQSLGGTE PPPPARPRRC IPTALIPAAG ASED RGGRS GRRDPEPTPR DCRHARVVRP GLQPRRLLRP GSHRPRDVR S IFEQPQDPRV LAERGEHRF VELALRGGPG WCDLCGREVL RQALRCANCK FTCHSECRSL IQLDCRQKGG PALDRRSPES TLTPTLNQNV CKAVEETQHP PTIQEIKQKI DSYNSREKHC LGMKLS EDTG YTGFIKVHLK LRRPVTVPAG IRPQSIYDAI KEVNPAATTD KRTSFYLPLD AIKQLHISST TTVSEVIQGL LKKFMVVDNP QKFALFKRIH KDGQVLFQKL SIADYPLYLR LLAGPDTDVL SFVLKENETG EVEWDAFSIP ELQNFLTILE KEEQDKIHQL QKKYNKFRQK LEEALRESQG KPG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

RASSF5

Alternative Name:

Rassf5 ([RASSF5 Products](#))

Background:

Ras association domain-containing protein 5 (New ras effector 1) (Regulator for cell adhesion and polarization enriched in lymphoid tissues) (RAPL),FUNCTION: 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 (By similarity). May be involved in regulation of Ras apoptotic function. The RASSF5-STK4/MST1 complex may mediate HRAS and KRAS induced apoptosis. {ECO:0000250, ECO:0000269|PubMed:11864565}.

Molecular Weight:

46.7 kDa

UniProt:

[Q5EBH1](#)

Target Details

Pathways: [TCR Signaling](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months