



Recombinant Human Ras association domain-containing protein 5 (RASSF5)

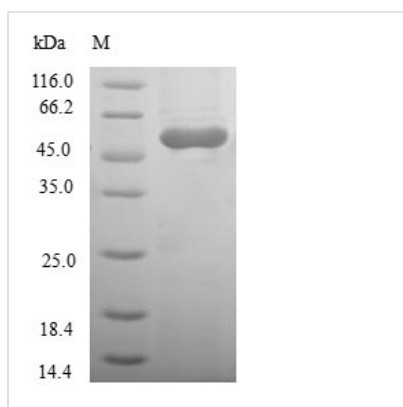
Product Code	CSB-EP819906HU
Relevance	Potential tumor suppressor. Seems to be involved in lymphocyte adhesion by linking RAP1A activation upon T-cell receptor or chemokine stimulation to integrin activation. Isoform 2 stimulates lymphocyte polarization and the patch-like distribution of ITGAL/LFA-1, 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.
Abbreviation	Recombinant Human RASSF5 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8WWW0
Alias	New ras effector 1 Regulator for cell adhesion and polarization enriched in lymphoid tissues
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTVDSSMSSGYCSLDEELEDCEFFTAKTTFFRNAQSKHLSKNVCKPVEETQRP PTLQEIKQKIDSYNTREKNCLGMKLSGTYTGFIKVLKLRPVTVPAGIRPQ SIYDAIKEVNLAATTDKRTSFYLPDAIKQLHISSTTTVSEVIQGLLKKFMVVDNP QKFALFKRIHKDGGVLFQKLSIADRPLYLRLLAGPDTEVLSFVLKENETGEVEW DAFSIPELQNFLTILEKEEQDKIQVQKKYDKFRQKLEEALRESQGKPG
Research Area	Cell Biology
Source	E.coli
Target Names	RASSF5
Protein Names	Recommended name: Ras association domain-containing protein 5 Alternative name(s): New ras effector 1 Regulator for cell adhesion and polarization enriched in lymphoid tissues Short name= RAPL
Expression Region	1-265aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged



Mol. Weight 57.4kDa

Protein Length Full Length of Isoform 2

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.