Recombinant Rat Ras association domain-containing protein 5 (Rassf5)

Product Code	CSB-YP019377RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35141
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MASPAIGQRP YPLLLDPEPP RYLQSLGGTE PPPPARPRRC IPTALISASG ASEGRGSRRN ARGDPEPTPR DCRHARPVRP GLQQRLRRRP GSHRPRDVRS IFEQPQDPRV LAERGEGHRF AELALRGGPG WCDLCGREVL RQALRCANCK FTCHPECRSL IQLDCRQKEG PALDRQSPES TLTPTFNKNV CKAVEETQHP PTIQEIKQKI DSYNSREKHC LGMKLSEDGT YTGFIKVHLK LRRPVTVPAG IRPQSIYDAI KEVNPAATTD KRTSFYLPLD AIKQLHISSS TTVSEVIQGL LKKFMVVDNP QKFALFKRIH KDGQVLFQKL SIADCPLYLR LLAGPDTDVL SFVLKENETG DVEWDAFSIP ELQNFLTILE KEEQDKIHQL QKKYNKFRQK LEEALRESQG KPG
Source	Yeast
Target Names	Rassf5
Protein Names	Recommended name: Ras association domain-containing protein 5 Alternative name(s): Maxp1 New ras effector 1
Expression Region	1-413
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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.