

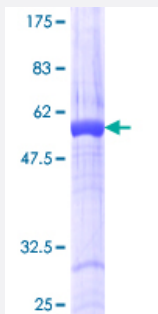
Full-Length

RASSF5 (Human) Recombinant Protein (P01)

Catalog # H00083593-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RASSF5 full-length ORF (NP_872606.1, 1 a.a. - 265 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTVDSSMSSGYCSLDEELEDCCFTAKTTFFRNAQSKHLSKNVCKPVEETQRPPTLQEIKQKIDSY
NTREKNCLGMKLSGDTGTGFIKVHLKLRRPVTVPAGIRPQSYDAIKEVNLAATTDKRTSFYLPDA
IKQLHISSTTTVSEVIQGLLKFMVVDNPQKFALFKRIHKDGGVLFQKLSIADRPLYLRLLAGPDTEV
LSFVLKENETGEVEWDAFSIPELQNFLTILEKEEQDKIQVQKKYDKFRQKLEELRESQKGPG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.8

Interspecies Antigen Sequence

Mouse (94); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RASSF5

Entrez GeneID	83593
GeneBank Accession#	NM_182665.1
Protein Accession#	NP_872606.1
Gene Name	RASSF5
Gene Alias	MGC10823, MGC17344, Maxp1, NORE1, NORE1A, NORE1B, RAPL, RASSF3
Gene Description	Ras association (RalGDS/AF-6) domain family member 5
Omim ID	607020
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000034534 OTTHUMP00000034535 Rap1-binding protein Ras association (RalGDS/AF-6) domain family 5 Ras effector-like protein novel Ras effector 1 regulator for cell adhesion and polarization enriched in lymphoid tissue tumor suppressor RASSF3

Pathway

- [Leukocyte transendothelial migration](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)

Disease

- [Tobacco Use Disorder](#)