

Recombinant Human RASA3 Protein, GST-tagged

Cat. No. RASA3-5906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RASA3 full-length ORF (NP_031394.2, 1 a.a. - 834 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane.
Molecular Mass	122.1 kDa
AA Sequence	MAVEDEGLRVFQSVKIKIGEAKNLPSYPGSPKMRDCYCTVNLDQEEVFRTKIVEKSL CPFYGEDFYCEIPRSFRHLSFYIFDRDVFRRDSIIGKVAIQKEDLQKYHNRDTWFQLQ HVDADSEVQGKVHLELRLSEVITDTGVVCHKLATRIVECQGLPIVNGQCDPYATVTL AGPFRSEAKKTKVKRKTNNPQFDEVFYFEVTRPCSYSKKSHFD FEEEDVDKLEIRVD LWNASNLKFGDEFLGELRIPLKVLQRQSSSYEAWYFLQPRDNGSKSLKPDDLGLSLRL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NVYTEDHVFSSDYYSPLRDLLLKSADVEPVSAASAHILGEVCREKQEAAVPLVRLF
 LHYGRVVPFISAIASAEVKRTQDPNTIFRGNSLASKCIDETMKLAGMHYLVTLKPAIE
 EICQSHKPCEIDPVKLKDGENLENNMENLRQYVDRVFHAITESGVSCPTVMCDIFFS
 LREAAAKRFQDDPDVRYTAVSSFIFLRFFAPAILSPNLFQLTPHHTDPQTSRTLTLISK
 TVQTLGSLSKSKSASFKESYMATFYEFFNEQKYADAVKNFLDLISSSGRRDPKSVEQ
 PIVLKEGFMKRAQGRKRFGMKNFKRWFRLTNHEFTYHKSKGDQPLYSIPIENILAV
 EKLEESFKMKNMFQVIQPERALYIQANNCVEAKDWIDILTKVSQCNQKRLTVYHPS
 AYLSGHWLCCRAPSDSAPGCSPCTGGLPANIQLDIDGDRETERIYSLFNLYMSKLEK
 MQEACGSKSVYDGPEQEEYSTFVIDDPQETYKTLKQVIAGVGALEQEHAQYKRDKF
 KKTKYGSQEHPIGDKSFQNYIRQQSETSTHSI

Applications

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

Storage

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

Storage Buffer

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

GENE INFORMATION
Gene Name

RASA3 RAS p21 protein activator 3 [Homo sapiens (human)]

Official Symbol

RASA3

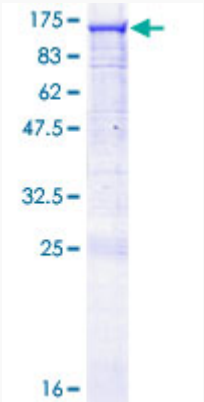
Synonyms

RASA3; RAS p21 protein activator 3; GAPIII; GAP1IP4BP; ras GTPase-activating protein 3; GTPase activating protein III; GTPase-activating protein 1 family, inositol 1,3,4,5-tetrakisphosphate-binding protein; Ins(1,3,4,5)P4-binding protein; ins P4-binding protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	22821
mRNA Refseq	NM_007368
Protein Refseq	NP_031394
MIM	605182
UniProt ID	Q14644
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.