

Recombinant Human ARHGAP11A protein, GST-tagged

Cat. No. ARHGAP11A-760H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGAP11A full-length ORF (AAH63444.1 , 1 a.a. - 501 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the Rho GTPase activating protein family. In response to DNA damage, the encoded protein interacts with the p53 tumor suppressor protein and stimulates its tetramerization, which results in cell-cycle arrest and apoptosis. A chromosomal deletion that includes this gene is one cause of Prader-Willi syndrome, and an intronic variant of this gene may be associated with sleep duration in children. This gene is highly expressed in colon cancers and in a human basal-like breast cancer cell line. [provided by RefSeq, Sep 2016]
Molecular Mass	81.51 kDa
AA Sequence	MWDQRLVRLALLQHLRAFYGIKVGVRGQCRRRHETAATEIGGKIFGVFPNALPH SAVPEYGHIPSFLVDACTSLIEDHIHTEGLFRKSGSVIRLKALKNKVDHGEGCLSSAPP CDIAGLLKQFFRELPEPILPADLHEALLKAQQLGTEEKNKATLLLSCLLADHTVHVLRY FFNFLRNVSRLRSSENKMDSSNLAVIFAPNLLQTSEGHEKMSSNTEKKLRLQAADVQT LIDYASDIGRVPDFILEKIPAMLGIDGLCATPSLEGFEEGEYETPGEYKRKRQSVGD FVSGALNKFKPNRTPSITPQEERIAQLSESPVILTPNAKRTLTPVDSSHGFSSKKRKSIIK HNFNFELLPSNLFNSSSTPVSVIDTSSEGSSQSSLSPVLIGGNHLITAGVPRRSKRIA

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GKKVCRVESGKAGCFSPKISHKEKVRRSLRLKFNLGKNGREVNGCSGVNRYESVG
WRLANQQSLKNRIESVKTGLLFSPDVDEKLPPKGTFTYYC

Applications

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

Notes

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

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

ARHGAP11A Rho GTPase activating protein 11A [Homo sapiens]

Official Symbol

ARHGAP11A

Synonyms

ARHGAP11A; Rho GTPase activating protein 11A; rho GTPase-activating protein 11A; GAP (1 12); KIAA0013; GAP (1-12); rho-type GTPase-activating protein 11A; MGC70740;

Gene ID

9824

mRNA Refseq

NM_014783

Protein Refseq

NP_055598

MIM

610589

UniProt ID

Q6P4F7

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