

Recombinant Full Length Human ARHGAP11A Protein, GST-tagged

Cat. No. ARHGAP11A-1146HF **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	In Vitro Cell Free System
ProteinLength	501 amino acids
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	MWDQRLVRLA LLQHLRAFYG IKVKGVRGQC DRRRHETAAT EIGGKIFGVP FNALPHSAVP EYGHIPSFLV DACTSLEDHI HTEGLFRKSG SVIRLKALKN KVDHGEGCLS SAPPCDIAGL LKQFFRELPE PILPADLHEA LLKAQQLGTE EKNKATLLLS CLLADHTVHV LRYFFNFLRN VSLRSENKM DSSNLAVIFA PNLLQTSEGH EKMSNTEKK LRLQAAVVQT LIDYASDIGR VPDFILEKIP

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AMLGIDGLCA TPSLEGFEEG EYETPGEYKR KRRQSVGDFV SGALNKFKPN
RTPSITPQEE RIAQLSESPV ILTPNAKRTL PVDSSHGFSS KKRKSIKHNF
NFELLPSNLF NSSSTPVS VH IDTSSEGSSQ SSLSPVLIGG NHLITAGVPR
RSKRIAGKKV CRVESGKAGC FSPKISHKEK VRRSLRLKFN LGKNGREVNG
CSGVNRYESV GWRLANQQSL KNRIESVKTG LLFSPDVDEK LPKKGTFITYY C

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**

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

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