

# Recombinant Full Length Human AGAP2 Protein, GST-tagged

**Cat. No.** AGAP2-995HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AGAP2 full-length ORF ( AAH28020.1, 1 a.a. - 836 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	836 amino acids
<b>Description</b>	The protein encoded by this gene belongs to the centaurin gamma-like family. It mediates anti-apoptotic effects of nerve growth factor by activating nuclear phosphoinositide 3-kinase. It is overexpressed in cancer cells, and promotes cancer cell invasion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]
<b>Molecular Mass</b>	116.9 kDa
<b>AA Sequence</b>	MHAQRQFVVA AVRAEVR RHE VAKQALNRLR KLAERVDDPE LQDSIQASLD SIREAVINSQ EWTLRSIPE LRLGVLGDAR SGKSSLIHRF LTGSYQVLEK TESEQYKKEM LVDGQTHLVL IREEAGAPDA KFSGWADAVI FVFSLEDENS FQAVSRLHGQ LSSLRGEGRG GLALALVGTQ DRISASSPRV VGDARARALC ADMKRCSYYE TCATYGLNVD RVFQEVAQKV VTLRKQQQLL AACKSLPSSP SHSAASTPVA GQASNGGHTS DYSSSLPSSP NVGHRELRAE AAVAGLSTP GSLHRAAKRR TSLFANRRGS DSEKRSLDSR GETTGSGRAI PIKQSFLKLR SGNSLNKEWK KKYVTLSSNG FLLYHPSIND YIHSTHGKEM DLLRRTTVKVP

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

GKRPPRAISA FGPSASINGL VKDMSTVQMG EGLEATTPMP SPSPSPSSLQ  
 PPPDQTSKHL LKPDRNLARA LSTDCTPSGD LSPLSREPPP SPMVKKQRRK  
 KLTTPSKTEG SAGQAEENF EFLIVSSTGQ TWHFEAASFE ERDAWVQAIE  
 SQILASLQCC ESSKVKLRTD SQSEAVAIQA IRNAKGNSIC VDCGAPNPTW  
 ASLNLGALIC IECSGIHRNL GTHLSRVRSR DLDDWPRELT LVLTAIGNDT  
 ANRVWESDTR GRAKPSRDSS REERESWIRA KYEQLLFLAP LSTSEEPLGR  
 QLWAAVQAQD VATVLLLLAH ARHGPLDTSV EDPQLRSPLH LAEELAHVVI  
 TQLLLWYGAD VAARDAQGRT ALFYARQAGS QLCADILLQH GCPGEGGSAA  
 TTPSAATTPS ITATPSPRRR SSAASVGRAD APVALV

**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** [AGAP2 ArfGAP with GTPase domain, ankyrin repeat and PH domain 2 \[ Homo sapiens \]](#)

**Official Symbol** [AGAP2](#)

**Synonyms** AGAP2; ArfGAP with GTPase domain, ankyrin repeat and PH domain 2; centaurin, gamma 1, CENTG1; arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2; cnt-g1; centaurin, gamma 1; phosphoinositide 3-kinase enhancer; phosphatidylinositol 3-kinase enhancer; phosphatidylinositol-3-kinase enhancer;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



GTP-binding and GTPase activating protein 2; Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 2; PIKE; GGAP2; CENTG1; FLJ16430; KIAA0167

**Gene ID** 116986

**mRNA Refseq** NM\_001122772

**Protein Refseq** NP\_001116244

**MIM** 605476

**UniProt ID** Q99490

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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