

Recombinant Full Length Human AGAP2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human AGAP2 full-length ORF (AAH28020.1, 1 a.a. - 836 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	836 amino acids
Description	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]
Molecular Mass	116.9 kDa
AA Sequence	MHAQRQFVVA AVRAEVR RHE VAKQALNRLR KLAERVDDPE LQDSIQASLD SIREAVINSQ EWTLSRSIPE LRLGVLGDAR SGKSSLIHRF LTGSYQVLEK TESEQYKKEM LVDGQTHLVL IREEAGAPDA KFSGWADAVI FVFSLEDENS FQAVSRLHGQ LSSLRGEGRG GLALALVGTQ DRISASSPRV VGDARARALC ADMKRCSYIE TCATYGLNVD RVFQEVAQKV VTLRKQQQLL AACKSLPSSP SHSAASTPVA GQASNGGHTS DYSSSLPSSP NVGHRELRAE AAVAGLSTP GSLHRAAKRR TSLFANRRGS DSEKRSLDSR GETTGSGRAI PIKQSFLKLR SGNSLNKEWK KKYVTLSSNG FLLYHPSIND YIHSTHGKEM DLLRTTVKVP

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GKRPPRAISA FGPSASINGL VKDMSTVQMG EGLEATTPMP SPSPSPSSLQ
 PPPDQTSKHL LKPDRNLARA LSTDCTPSGD LSPLSREPPP SPMVKKQRRK
 KLTTPSKTEG SAGQAEENF EFLIVSSTGQ TWHFEAASFE ERDAWVQAIE
 SQILASLQCC ESSKVKLRD SQSEAVAIQA IRNAKGNSIC VDCGAPNPTW
 ASNLGALIC IECSGIHRNL GTHLSRVRS LDDWPRELT LVLTAIGNDT
 ANRVWESDTR GRAKPSRDSS REERESWIRA KYEQLLFLAP LSTSEEPLGR
 QLWAAVQAQD VATVLLLLAH ARHGPLDTSV EDPQLRSPLH LAAELAHVVI
 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;

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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

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