

Recombinant Full Length Human AGAP1 Protein, GST-tagged

Cat. No. AGAP1-2579HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Human CENTG2 full-length ORF (AAH60814.1, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 392 amino acids

Description This gene encodes a member of an ADP-ribosylation factor GTPase-activating protein family involved in membrane trafficking and cytoskeleton dynamics. This gene functions as a direct regulator of the adaptor-related protein complex 3 on endosomes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Molecular Mass 69.7 kDa

AA Sequence

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MNYQQQLANSAAIRAEIQRFEVHPNIYSIYELLERVEEPVLQNQIREHVIAIEDAFVN
SQEWTLRSRVPPELVKVGIVGNLASGKSALVHRYLTGTYYVQEESEPGRFKKEIVVDG
QSYLLLIRDEGGPPEAQFAMWVDAVIFVFSLEGEISFQTVYHYYSRMANYRNTSEIPL
VLVGTQDAISSANPRVIDDARARKLSNDLKRCTYYETCATYGLNVERVFQDVAQKIV
ATRKKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQTSNGGGSLSDYSSSVSTP
STSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDDPKKKGLESRADSIGSG
RAIPIKQGLPFFVLALTASTYLRPAGARARQSSPWPGRGAEWSDQPALC
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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	AGAP1 ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 [Homo sapiens]
Official Symbol	AGAP1
Synonyms	AGAP1; ArfGAP with GTPase domain, ankyrin repeat and PH domain 1; centaurin, gamma 2, CENTG2; arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1; GGAP1; KIAA1099; centaurin-gamma-2; centaurin, gamma 2; GTP-binding and GTPase-activating protein 1; Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 1; AGAP-1; CENTG2; cnt-g2; MGC71657;
Gene ID	116987
mRNA Refseq	NM_001037131
Protein Refseq	NP_001032208
MIM	608651

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UniProt ID

Q9UPQ3

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