

Recombinant Human AGAP1 protein, His-tagged

Cat. No. AGAP1-2544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGAP1 protein(1-361 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-361 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MNYQQQLANSAAIRAEIQRFEVHPNIYSIYELLERVEEPVLQNQIREHVIAIEDAFVN
 SQEWTLRSVPELKVGVGNLASGKSALVHRYLTGTYYVQEESEPGRFKKEIVVDG
 QSYLLLIRDEGGPPEAQFAMWVDAVIFVFSLEGEISFQTVYHYYSRMANYRNTSEIPL
 VLVGTQDAISSANPRVIDDARARKLSNDLKRCTYYETCATYGLNVERVFQDVAQKIV
 ATRKKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQTSNGGGSLSDYSSSVSTP
 STSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDPDKEKKGLESRADSIGSG
 RAIPKQGLPFFVLALTA

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](#)

UniProt ID

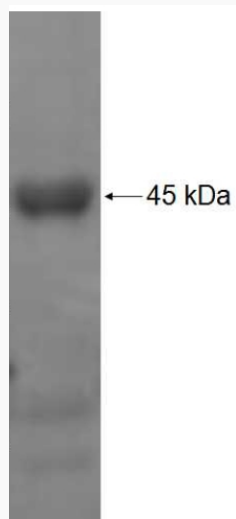
[Q9UPQ3](#)

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SDS-PAGE



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