

## Recombinant Human AGAP1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGAP1 protein(1-361 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-361 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	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  
 SQEWTLRSRVPPELKVGVGNLASGKSALVHRYLTGTYYQEESEPGRFKKEIVVDG  
 QSYLLLIRDEGGPPEAQFAMWVDAVIFVFSLEGEISFQTVYHYYSRMANYRNTSEIPL  
 VLVGTQDAISSANPRVIDDARARKLSNDLKRCTYYETCATYGLNVERVFQDVAQKIV  
 ATRKKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQTSNGGGSLSDYSSSVPSTP  
 STSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDDPDKEKKGLESRADSIGSG  
 RAIPKQGLPFFVLALTA

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AGAP1 ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">AGAP1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">116987</a>
<b>mRNA Refseq</b>	<a href="#">NM_001037131</a>
<b>Protein Refseq</b>	<a href="#">NP_001032208</a>
<b>MIM</b>	<a href="#">608651</a>
<b>UniProt ID</b>	<a href="#">Q9UPQ3</a>

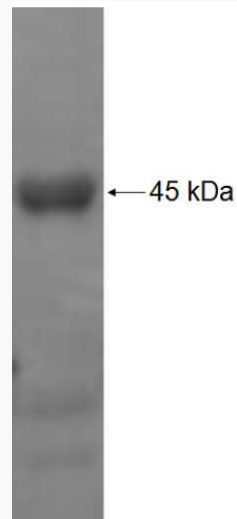
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SDS-PAGE



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