

Recombinant Human AGAP1, His-tagged

Cat. No. AGAP1-26447TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 675-804 of Human AGAP1 with N terminal His tag; 130 amino acids, 18kDa.
Species	Human
Source	E.coli
ProteinLength	675-804 a.a.
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.
Conjugation	HIS
Tissue specificity	Widely expressed.
Form	Lyophilised:Reconstitute with 148 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

TELSLGQHLLRATADEDLRTAILLLAHGSRDEVNETCGEG DGR TALHLACRKGNVV
LAQLLIWYGVDVTARDAHGNTA LAYARQASSQECIDVLLQYGCPDERFVLMATPNL
SRRN NNRNNSSGRVPTII

Sequence Similarities

Belongs to the centaurin gamma-like family. Contains 2 ANK repeats. Contains 1 Arf-GAP domain. Contains 1 PH domain.

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;

Gene ID

116987

mRNA Refseq

NM_014914

Protein Refseq

NP_055729

MIM

608651

Uniprot ID

Q9UPQ3

Chromosome Location

2q37

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Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	ARF GTPase activator activity; GTP binding; metal ion binding; nucleotide binding; zinc ion binding;

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