

Recombinant Human AGAP3 Protein, GST-Tagged

Cat. No. AGAP3-0009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENTG3 partial ORF (NP_114152, 241 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an essential component of the N-methyl-D-aspartate (NMDA) receptor signaling complex which mediates long-term potentiation in synapses by linking a ctivation of NMDA receptor to alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor trafficking. The encoded protein contains an N-terminal GTPase-like domain, a pleckstrin homology domain, an ArfGAP domain and several C-terminal ankryn repeat domains. [provided by RefSeq, Apr 2017]
Molecular Mass	36.52 kDa
AA Sequence	VFQDVAQKVVALRKKQQLAIGPCKSLPNSPSHSAVSAASIPAVHINQATNGGGSAFSDYSSSVPTSPSISQRELRIETIAASSTPTPIRKQSKRRSNI
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.

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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 AGAP3 ArfGAP with GTPase domain, ankyrin repeat and PH domain 3 [Homo sapiens]

Official Symbol AGAP3

Synonyms AGAP3; ArfGAP with GTPase domain, ankyrin repeat and PH domain 3; centaurin, gamma 3, CENTG3; arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3; centaurin-gamma-3; centaurin, gamma 3; CRAM-associated GTPase; MR1-interacting protein; CRMP (collapsin response mediator protein) associated; CRAG; AGAP-3; CENTG3; MRIP-1; cnt-g3; FLJ16146; FLJ34452;

Gene ID 116988

mRNA Refseq NM_001042535

Protein Refseq NP_001036000

MIM 616813

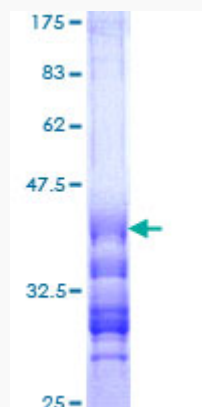
UniProt ID Q96P47

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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