

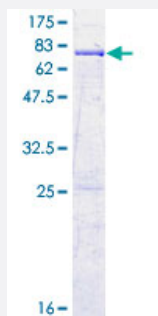
Full-Length

CENTG2 (Human) Recombinant Protein (P01)

Catalog # H00116987-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

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

Sequence

MNYQQQLANSAAIRAEIQRFEVHPNIYSIYELLERVEEPVLQNQIREHVIAIEDAFVNSQEWTLSRS
VPELKVGVMGNLASGKSALVHRYLTGTYVQEESPEGGRFKKEIVDGGQSYLLIRDEGGPPEAQFA
MWVDAVIFVSLEGEISFQTVYHYSRMANYRNTSEIPLVLVGTQDAISSANPRVIDDARARKLSND
LKRCTYYETCATYGLNVERVFQDVAQKIVATRKKQQLSIGPCKSLPNSPSHSSVCSAQVSAVHISQ
TSNGGSLSDYSSSVSTPSTSQKELRIDVPPTANTPTPVRKQSKRRSNLFTSRKGSDPDKEKK
GLESRADSIGSGRAIPKQGLPFFVLALTASTYLRPAGARARQSSPWPGRATEGWSDQPALC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

69.7

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AGAP1

Entrez GeneID[116987](#)**GeneBank Accession#**[BC060814.1](#)**Protein Accession#**[AAH60814.1](#)**Gene Name**

AGAP1

Gene Alias

CENTG2, GGAP1, KIAA1099, MGC71657

Gene Description

ArfGAP with GTPase domain, ankyrin repeat and PH domain 1

Omim ID[608651](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

CENTG2 belongs to an ADP-ribosylation factor GTPase-activating (ARF-GAP) protein family involved in membrane traffic and actin cytoskeleton dynamics (Nie et al., 2002 [PubMed 12388557]). [supplied by OMIM]

Other Designations

Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 1|GTP-binding and GTPase-activating protein 1|centaurin, gamma 2

Pathway

- [Endocytosis](#)

Disease

- [Autistic Disorder](#)
- [Chromosome Deletion](#)
- [Genetic Predisposition to Disease](#)