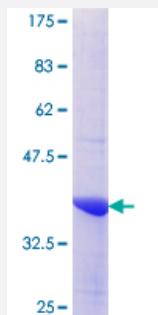


CENTG2 (Human) Recombinant Protein (Q01)

Catalog # H00116987-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CENTG2 partial ORF (NP_055729.2, 672 a.a. - 781 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LPCTELSLGQHLLRATADEDLRTAILLLAHGSRDEVNETCGEGDGRTALHLACRKGNVLAQLLM YGVDTVARDAGNTALAYARQASSQECIDVLLQYGCPDERFVLM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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# [NM_014914](#)

Protein Accession# [NP_055729.2](#)

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](#)