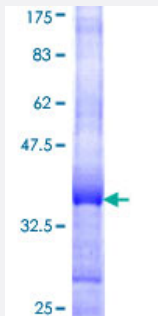


GAN (Human) Recombinant Protein (Q01)

Catalog # H00008139-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GAN partial ORF (NP_071324, 534 a.a. - 597 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DLDTGTYNDYVREFKRSTGTWHHTKPLLPSDLRRTGCAALRIANCKLFRLQLQQGLFRIRVHSP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.78
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — GAN

Entrez GeneID	8139
GeneBank Accession#	NM_022041
Protein Accession#	NP_071324
Gene Name	GAN
Gene Alias	FLJ38059, GAN1, KLHL16
Gene Description	gigaxonin
Omim ID	256850 605379
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cytoskeletal BTB/kelch (Broad-Complex, Tramtrack and Bric a brac) repeat family. The encoded protein plays a role in neurofilament architecture and is involved in mediating the ubiquitination and degradation of some proteins. Defects in this gene are a cause of giant axonal neuropathy (GAN). [provided by RefSeq]
Other Designations	OTTHUMP00000174972 kelch-like protein 16

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)