

## Recombinant Human GAN protein, His & T7-tagged

Cat. No. GAN-1614H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GAN aa. (Cys30~Gly326 (Accession # Q9H2C0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys30~Gly326
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 37.4kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Isoelectric Point</b>	5.1

## GENE INFORMATION

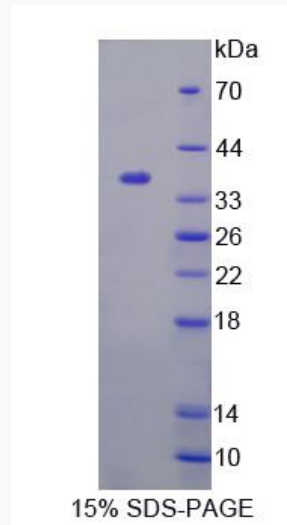
<b>Gene Name</b>	GAN gigaxonin [ Homo sapiens (human) ]
<b>Official Symbol</b>	GAN
<b>Synonyms</b>	GAN; gigaxonin; GAN1; KLHL16; kelch-like family member 16; kelch-like protein 16
<b>Gene ID</b>	8139
<b>mRNA Refseq</b>	NM_022041.3
<b>Protein Refseq</b>	NP_071324.1
<b>UniProt ID</b>	Q9H2C0

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**SDS-PAGE**



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