

Recombinant Human GAN protein, His & T7-tagged

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

SPECIFICATION

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

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.1

GENE INFORMATION

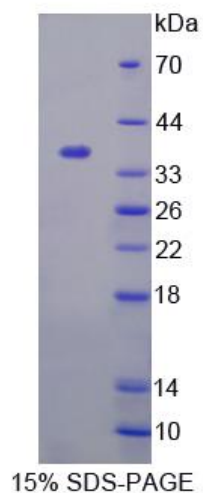
Gene Name	GAN gigaxonin [Homo sapiens (human)]
Official Symbol	GAN
Synonyms	GAN; gigaxonin; GAN1; KLHL16; kelch-like family member 16; kelch-like protein 16
Gene ID	8139
mRNA Refseq	NM_022041.3
Protein Refseq	NP_071324.1
UniProt ID	Q9H2C0

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SDS-PAGE



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