

Recombinant Full Length Human GAN Protein, GST-tagged

Cat. No. GAN-5376HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GAN full-length ORF (NP_071324.1, 1 a.a. - 597 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	597 amino acids
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). [provided by RefSeq
Molecular Mass	94 kDa
AA Sequence	MAEGSAVSDPQHAARLLRALSSFREESRFCD AHLVLDGEEIPVQKNILAAASPYIRTK LNYNPPKDDGSTYKIELEGISVMVMREILDYIFSGQIRLNEDTIQDVVQAADLLLLTDL KTLCCFLEGCI A AENCIGIRDFALHYCLHHVHYLATEYLETHFRDVSSTEEFLELSPQ KLKEVISLEKLN VGNERYVFEAVIRWIAHDTEIRKVHMKDVMSALWVSGLDSSYLRE QMLNEPLVREIVKECSNIPLSQPQQGEAMLANFKPRGYSECIVTVGGEERVS RKPTA AMRCMCPLYDPNRQLWIELAPLSMPRINHGVLSAEGFLFVFGGQDENKQTLSSGEK YDPDANTWTALPPMNEARHNFGIVEIDGMLYILGGEDGEKELISMECYDIYSKTWTK QPDLTMRKIGCYAAMKKKIYAMGGGSYGKLFESVECYDPRTQQWTAICPLKERRF

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GAVACGVAMELYVFGGVRSREDAQGSEMVTCKSEFYHDEFKRWIYLNDQNLCPA
SSSFVYGAVPIGASIYVIGDLDTGTNYDYVREFKRSTGTWHHTKPLLPSDLRRTGCA
ALRIANCKLFRLQLQQGLFRIRVHSP

Applications

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

Notes

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

Storage

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

Storage Buffer

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

GENE INFORMATION

Gene Name

GAN gigaxonin [Homo sapiens]

Official Symbol

GAN

Synonyms

GAN; gigaxonin; giant axonal neuropathy (gigaxonin); GAN1; KLHL16; kelch-like protein 16; FLJ38059;

Gene ID

8139

mRNA Refseq

NM_022041

Protein Refseq

NP_071324

MIM

605379

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UniProt ID

Q9H2C0

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