

Datasheet for ABIN7547904
GAN Protein (AA 1-597) (His tag)



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Overview

Quantity:	1 mg
Target:	GAN
Protein Characteristics:	AA 1-597
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAN protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GAN Protein expressed in mammalian cells.
Sequence:	<p>MAEGSAVSDP QHAARLLRAL SSFREESRFC DAHLVLDGEE IPVQKNILAA ASPYIRTKLN YNPPKDDGST YKIELEGISV MVMREILDYI FSGQIRLNED TIQDVVQAAD LLLLTDLKTL CCEFLEGCIA AENCIGIRDF ALHYCLHHVH YLATEYLETH FRDVSSTEEF LELSPQKLKE VISLEKLNVG NERYVFEAVI RWIAHDTEIR KVHMKDVMSA LWVSGLDSSY LREQMLNEPL VREIVKECSN IPLSQPQQGE AMLANFKPRG YSECIVTVGG EERSVRKPTA AMRCMCPLYD PNRQLWIELA PLSMPRINHG VLSAEGFLFV FGGQDENKQT LSSGEKYDPD ANTWTALPPM NEARHNFGIV EIDGMLYILG GEDGEKELIS MECYDIYSKT WTKQPDLTMTV RKIGCYAAMK KKIYAMGGGS YGKLFESVEC YDPRTQQWTA ICPLKERRFG AVACGVAMEL YVFGGVRSRE DAQGSEMVTG KSEFYHDEFK RWIYLNDQNL CIPASSSFVY GAVPIGASIY VIGDLDTGTN YDYVREFKRS TGTWHHTKPL LPSDLRRTGC AALRIANCKL FRLQLQQGLF RIRVHSP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you</p>

have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: GAN

Alternative Name: GAN ([GAN Products](#))

Background: Gigaxonin (Kelch-like protein 16),FUNCTION: Probable cytoskeletal component that directly or indirectly plays an important role in neurofilament architecture. May act as a substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Controls degradation of TBCB. Controls degradation of MAP1B and MAP1S, and is critical for neuronal maintenance and survival. {ECO:0000269|PubMed:12147674, ECO:0000269|PubMed:15983046, ECO:0000269|PubMed:16227972, ECO:0000269|PubMed:16303566}.

Molecular Weight: 67.6 kDa

UniProt: [Q9H2C0](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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