



# Recombinant Human Gigaxonin (GAN)

<b>Product Code</b>	CSB-EP009228HU-B
<b>Abbreviation</b>	GAN
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9H2C0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAEGSAVSDP QHAARLLRAL SSFREETSRFC DAHLVLDGEE IPVQKNILAA ASPYIRTKLN YNPPKDDGST YKIELEGISV MVMREILDYI FSGQIRLNED TIQDVVQAAD LLLLTDLCTL CCEFLEGCIA AENCIGIRDF ALHYCLHHVH YLATEYLETH FRDVSSTEEF LELSPQKLKE VISLEKLVNG NERYVFEAVI RWIAHDTEIR KVHMKDVMSA LWVSGLDSSY LREQMLNEPL VREIVKECSN IPLSQPQQGE AMLANFKPRG YSECIVTVGG EERVSRKPTA AMRCMPLYD PNRQLWIELA PLSMPRINHG VLSAEGFLFV FGGQDENKQT LSSGEKYDPD ANTWTALPPM NEARHNFGIV EIDGMLYILG GEDGEKELIS MECYDIYSKT WTKQPDLMV RKIGCYAAMK KKIYAMGGGS YGKLFESVEC YDPRTQQWTA ICPLKERRFG AVACGVAMEL YVFGGVSRE DAQGSEMVTC KSEFYHDEFK RWIYLNDQNL CIPASSSFVY GAVPIGASIY VIGDLDTGTN YDYVREFKRS TGTWHHTKPL LPSDLRRTGC AALRIANCKL FRLQLQQGLF RIRVHSP
<b>Source</b>	E.coli
<b>Target Names</b>	GAN
<b>Protein Names</b>	Recommended name: Gigaxonin Alternative name(s): Kelch-like protein 16
<b>Expression Region</b>	1-597
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</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>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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