



Recombinant Human Gigaxonin (GAN)

Product Code	CSB-EP009228HU-B
Abbreviation	GAN
Storage	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.
Uniprot No.	Q9H2C0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAEGSAVSDP QHAARLLRAL SSFREETSRFC DAHLVLDGEE IPVQKNILAA ASPYIRTKLN YNPPKDDGST YKIELEGISV MVMREILDYI FSGQIRLNED TIQDVVQAAD LLLLTDLCTL CCEFLEGCIA AENCIGIRDF ALHYCLHHVH YLATEYLETH FRDVSSTEEF LELSPQKLKE VISLEKLNVG 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
Source	E.coli
Target Names	GAN
Protein Names	Recommended name: Gigaxonin Alternative name(s): Kelch-like protein 16
Expression Region	1-597
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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).
Reconstitution	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.

Shelf Life

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