

Glia Derived Nexin Recombinant Protein | GDN recombinant protein

Recombinant Glia Derived Nexin (GDN)

CATALOG # AAA144261	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glia Derived Nexin; Recombinant Glia Derived Nexin (GDN); GDN recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. SHFNPLSL EELGSNTGIQ VFNQIVKSRP HDNIVISPHG IASVLGMLQL GADGRTKKQL AMVMRYGVNG VGKILKKINK AIVSKKNKDI VTVANAVFVK NASEIEVPFV TRNKDVFQCE VRNVNFEDPA SACDSINAWV KNETRDMIDN LLSPDLIDGV LTRLVLVNAV YFKGLWKS RF QPENTKKRTF VAADGKSYQV PMLAQLSVFR CGSTSAPNDL WYNFIELPYH GESISMLIAL PTESSTPLSA IIPHISTKTI DSWMSIMVPK RVQVILPKFT AVAQTDLKEP LKVLGITDMF DSSKANFAKI TTGSENLHVS HILQKAKIEV SEDGTKASAA TTAILIARSS PPWFIVDRPF LFFIRHNPTG AVLFMGQINK P
Sequence Length	409
Applicable Applications for GDN recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	45.7kDa
Accurate Molecular Mass (KD)	44kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag, T7 tag
Organism Species	Homo sapiens (Human)
Fragment	Ser20~Pro398
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	211904156
NCBI GeneID	5270
NCBI Accession #	NP_001130002.1
NCBI GenBank Nucleotide #	NM_001136530.1
Molecular Weight	45,267 Da
NCBI Official Full Name	glia-derived nexin isoform c
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2
NCBI Official Symbol	SERPINE2
NCBI Official Synonym Symbols	GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF
NCBI Protein Information	glia-derived nexin
UniProt Protein Name	Glia-derived nexin
UniProt Gene Name	SERPINE2
UniProt Synonym Gene Names	PI7; PN1; GDN; PI-7; PN-1
UniProt Entry Name	GDN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/serpine2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144261>