

Datasheet for ABIN7564166
NINL Protein (AA 1-1394) (His tag)



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Overview

Quantity:	1 mg
Target:	NINL
Protein Characteristics:	AA 1-1394
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NINL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ninl Protein expressed in mammalian cells.
Sequence:	MDNEEENHYV SRLRDVYSSC DTTGTGFLDQ EELTQLCTKL GLEEQLPALL HILLGDDRLA RVNFEEFKEG FVAVLSSGSG VEPSDEEGSS SESATSCAVP PKYMSGSKWY GRRSLPELGD SATATKYGSE QQAKGSVKPP LRRSASLESV ESLKSDEDAE SAKEPQNELF EAQGQLRSWG CEVFGTLRKS CSPSFSTPEN LVQGIWHELG IGSSGHLNEQ ELAVVCRSIG LHSLEKQELE ELFSKLDQDG DGRVSLAEFQ LGLFGHEPPS LPASSSLIKP NRLWSHYQEE SGCHTTTTSS LVSVCGLRL FSSVDDGSGF AFPEQVISAW AQEGIQNGRE ILQSLDFSVD EKNLLELTW ALDNELLTVD GVIQQAALAC YRQELSYHQG QVDQLVQERD KARQDLEKAE KRNLDFVREM DDCHSALEQL TEKKIKHLEQ EYRGRSLLLR SEVEMERELF WEQARRQRAV LEQDVGRQLQA EETSLREKLT LALKENSRLQ KEIIEVVEKL SDSEKLVLRQ QSDLQFVLKD KLEPQSMELL AQEEQFTAIL NDYELKCRDL QDRNDELQAE LEGLRLRLPR SRQSPAGTPG THRRRIPGRG PADNLFVGES TPVSLETEIM VEQMKEHYQE LRMQLETKVN YYEKEIEVMK RNFEKDKKEM EQAFQLEVSV LEGQKADLEA LYAKSQEVIL GLKEQLQDAA QSPEPAPAGL AHCCAQALCT

LAQRLEVEMH LRHQDQLLQI RQEAEEELNQ KLSWLEAQHA ACCESLSLQH QCEKDQLLQT
HLQRVKDLAA QLDLEKGRRE EREQEVLHC RRQQLKLQAV MSEEQARICR SFTLEKEKLE
QTYREQVEGL VQEADVLRAL LKNGTTVVSD QQERTPSSMS LGPDSRQQPT ARQAVSPDGR
TGAPAEWPGP EKAEGRDFPG QLCSIDAMPS PTPTLLSRRS SENLGVDRDNH QRPLNAEEGA
IPKEPEPSAR TLTGQGQKLP LPVHPQMLEP SLGTTALDRK AASVGVQGQA SEGPVGDGEG
VQEAWLQFRG EATRMRPSLP CSELPNPQEA TVMPAMSESE MKDVKIKLLQ LEDVVRALEK
ADSRESYRAE LQRLSEENLV LKSDLGKIQL ELETSESKNE VQRQEIEVLK RDKEQACCDL
EELSTQTQKY KDEMSQLNCR VLQLEGEPSG LHTQKEENHG AIQVLMKKLE EAGCREEQQG
DQIQNLKIEL ERVNEECQYL RLSQAELTES LEESRSQLYS VQLRLEAAQS QHGRIVQLRQ
EQMSQLVPGA RVAELQHLLN VKEEEARRLS AQQEEYRQL KAREDQVEDA EARLRNVEWL
LQEKVEELRK QFEKNTRSDL LLKELYVENA HLMKAVQLTE EKQRGAEKKN CVLEEKVRAL
NKLISKMAPA SLSV **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 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:	NINL
Alternative Name:	Ninl (NINL Products)
Background:	Ninein-like protein,FUNCTION: Involved in the microtubule organization in interphase cells. Overexpression induces the fragmentation of the Golgi, and causes lysosomes to disperse toward the cell periphery, it also interferes with mitotic spindle assembly (By similarity). Involved in vesicle transport in photoreceptor cells (By similarity). {ECO:0000250 UniProtKB:G9G127, ECO:0000250 UniProtKB:Q9Y2I6}.
Molecular Weight:	157.8 kDa
UniProt:	Q6ZQ12
Pathways:	M Phase , SARS-CoV-2 Protein Interactome

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.
Restrictions:	For Research Use only

Handling

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