

Datasheet for ABIN7554770
NINL Protein (AA 1-1382) (His tag)



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Overview

Quantity:	1 mg
Target:	NINL
Protein Characteristics:	AA 1-1382
Origin:	Human
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:	MDEEENHYVS QLREYSSCD TTGTGFLDRQ ELTQLCLKLH LEQQLPVLLQ TLLGNDHFAR VNFEFKEGF VAVLSSNAGV RPSDEDSSSL ESAASSAIPP KYVNGSKWYG RRSRPELCDA ATEARRVPEQ QTQASLKSHL WRSASLESVE SPKSDEEAES TKEAQNELFE AQQQLQWDS EDFGSPQKSC SPSFDTPESQ IRGVWEELGV GSSGHLSEQE LAVVCQSVGL QGLEKEELED LFNKLDQDGD GKVSLEEFQL GLFSHEPALL LESSTRVKPS KAWSHYQVPE ESGCHTTTTTS SLVSLCSSLR LFSSIDGSG FAFPDQVLAM WTQEGIQNGR EILQSLDFSV DEKVNILLELT WALDNELMTV DSAVQQAALA CYHQELSYQQ GQVEQLARER DKARQDLERA EKRNLFEVKE MDDCHSTLEQ LTEKKIKHLE QGYRERLSLL RSEVEAEREL FWEQAHRQRA ALEWDVGRLO AEEAGLREKL TLALKENSRL QKEIVEVVEK LSDSERLALK LQKDLEFVLK DKLEPQSAEL LAQEERFAAV LKEYELKCRD LQDRNDELQA ELEGLWARLP KNRHSPSWSP DGRRRQLPGL GPAGISFLGN SAPVSIETEL MMEQVKEHYQ DLRTQLETKV NYEREIAAL KRNFEEKERKD MEQARRREVS VLEGQKADLE ELHEKSQEVI WGLQEQLQDT ARGPEPEQMG LAPCCTQALC

GLALRHSHL QQIRREAEAE LSGELSLGA LPARRDLTLE LEEPPQGPLP RGSQRSEQL
LERALKLQPC ASEKRAQMCV SLALEEEEELE LARGKRVDGP SLEAEMQALP KDGLVAGSGQ
EGTRGLPLR PGCGERPLAW LAPGDGRESE EAAGAGPRRR QAQDTEATQS PAPANAPASH
GPSEWRSMQ PCGVDGDIVP KEPEPFGASA AGLEQPGARE LPLLGTERDA SQTQPRMWEP
PLRPAASCRG QAERLQAIQE ERARSWSRGT QEQASEQQAR AEGALEPGCH KHSVEVARRG
SLPSHLQLAD PQGSWQEQLA APEEGETKIA LEREKDDMET KLLHLEDVVR ALEKHVDLRE
NDRLEFHRLS EENTLLKNDL GRVRQELEAA ESTHDAQRKE IEVLKDKKEK ACSEMEVLNR
QNNYKDQLS QLNVRVLQLG QEASTHQAQN EEHRVTIQML TQSLEEVVRS GQQQSDQIQK
LRVELECLNQ EHQSLQLPWS ELTQTLEESQ DQVQGAHLRL RQAQAQHLQE VRLVPQDRVA
ELHRLSLQG EQARRRLDAQ REEHEKQLKA TEERVEEAEM ILKNMEMLLQ EKVDKLKEQF
EKNTKSDLLL KELYVENAHL VRALQATEEK QRGAEKQSRL LEEKVRALNK LVSRIAPAAL SV

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. Involved in vesicle transport in photoreceptor cells (By similarity). May play a role in ovarian carcinogenesis. {ECO:0000250 UniProtKB:G9G127, ECO:0000269 PubMed:12852856, ECO:0000269 PubMed:16254247, ECO:0000269 PubMed:18538832}.
Molecular Weight:	156.3 kDa
UniProt:	Q9Y2I6
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