Recombinant Human NIN protein, His & T7-tagged

Cat. No. NIN-7983H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NIN aa. (Met1~Glu153 (Accession # Q8N4C6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Glu153
Description	This gene encodes one of the proteins important for centrosomal function. This protein is important for positioning and anchoring the microtubules minus-ends in epithelial cells. Localization of this protein to the centrosome requires three leucine zippers in the central coiled-coil domain. Multiple alternatively spliced transcript variants that encode different isoforms have been reported.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.5.

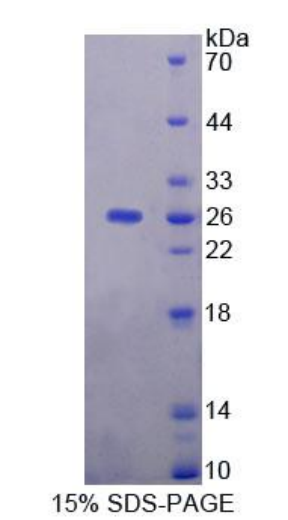
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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	NIN ninein [Homo sapiens (human)]
Official Symbol	NIN
Synonyms	SCKL7; glycogen synthase kinase 3 beta-interacting protein; hNinein; ninein (GSK3B interacting protein); ninein centrosomal protein; ninein
Gene ID	51199
mRNA Refseq	NM_016350.4
Protein Refseq	NP_057434.4

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UniProt ID	Q8N4C6
SDS-PAGE	 15% SDS-PAGE

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