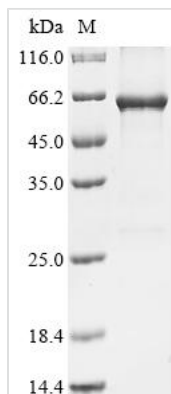




# Recombinant Human Serine/threonine-protein kinase NLK (NLK)

<b>Product Code</b>	CSB-EP890657HU
<b>Abbreviation</b>	Recombinant Human NLK protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9UBE8
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Human Serine/threonine-protein kinase NLK(NLK)
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MSLCGARANAKMMAAYNGGTSAAAAGHHHHHHHHLPHLPPPPLHHHHHPQ HHLHPGSAAAVHPVQQHTSSAAAAAAAAAAAAAMLNPGQQQPYFPSPAPGQ APGPAAAAPAQVQAAAAATVKAHHHQHSHHPQQQLDIEPDRPIGYGAFGVWV SVTDPRDGKRVALKKMPNVFQNLVSCRVFRELKMLCFFKHNDVLSALDILQP PHIDYFEEIYVVTLMQSDLHKIIVSPQPLSSDHVKVFLYQILRGLKYLHSAGILH RDIKPGNLLVNSNCVLKICDFGLARVEELDESRHMTQEVVTQYYRAPEILMGS RHYSNAIDIWSVGCIFAELLGRRILFQAQSPIQQDLITDLLGTPSLEAMRTACE GAKAHILRGPHKQPSLPVLYTLSSQATHEAVHLLCRMLVFDPSKRISAKDALAH PYLDEGRLRYHTCMCKCCFSTSTGRVYTSDFEPVTNPKFDDTFEKNLSSVRQ VKEIIHQFILEQQKGNRVPLCINPQSAAFKSFISSTVAQPSEMPSPPLVWE
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Target Names</b>	NLK
<b>Expression Region</b>	1-527aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	63.3 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The recombinant Human NLK protein is produced by manipulating the expression of specific genes in e.coli cells. A DNA sequence encoding the Human NLK protein (1-527aa) is fused to an expression vector and subsequently transformed into e.coli cells. The cells that successfully integrate the vector are selected and cultured to induce the expression of the desired protein. A N-terminal 10xHis tag and C-terminal Myc tag is attached to the protein. The recombinant Human NLK protein is then purified using affinity purification, achieving a purity level of over 90%, as confirmed by SDS-PAGE analysis.

## 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

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.