

Bunyavirus La Crosse Nucleoprotein/NP Protein (His)

General Information

Synonyms:	Nucleocapsid protein (Protein N);Nucleoprotein
Protein Construction:	1-235 aa
Species:	Bunyavirus La Crosse
Expression Host:	P. pastoris (Yeast)
Accession:	P04873
Molecular Weight:	28.5 kDa (predicted)
AA Sequence:	MSDLVFYDVASTGANGFDPDAGYMDFCVKNAESLNLA AVRIFLNAAKAKAALS RKPERKANPKFG EWQVE VINNHFPGNRNNPIGNNDLTIHRLSGYLARWVLDQYNENDD ESQHELIRTTIINPIAESNGVGVWDSGPEIYLSF FPGTEMFLETFKFYPLTIGIHRVKQGMMDPQYLKKALRQRYGTLTADKWMSQKVA AIAKSLKDVEQLKWGKG GLSDTAKTFLQKFGIRLP

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Encapsidates the genome protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid (NC) and serves as template for transcription and replication. Seems to participate in the nuclear relocalization of host PABP1, thereby inhibiting host cellular translation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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