

Lassa virus Nucleoprotein Recombinant Protein | N recombinant protein

Recombinant Lassa virus Nucleoprotein

CATALOG # AAA18623	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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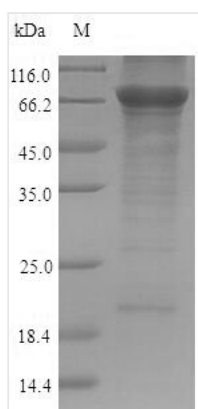
PRODUCT SYNONYMS

Lassa virus Nucleoprotein; Recombinant Lassa virus Nucleoprotein; Nucleocapsid protein; Protein N; N recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-569aa; Full Length
Sequence	MSASKEIKSF LWTQSLRREL SGYCSNIK LQ VVKDAQALLH GLDFSEVSNV QRLMRKERRD DNDLKRLRDL NQAVNNLVEL KSTQQKSILR VGTLTSDDLL ILAADLEKLK SKVIRTERPL SAGVYMGNLS SQQLDQRRAL LNMIGMSGGN QGARAGR DGV VRVWDVKNAE LLNQFGTMP SLTLACLTQK GQVDLNDVQ ALTDLGLIYT AKYPNTSDLD RLTQSH PILN MIDTKKSSLN ISGYNFSLGA AVKAGACMLD GGNMLETIKV SPQTM DGILK SILKVKKALG MFISDTPGER NPYENILYKI CLSGDGWPYI ASRTSITGRA WENTVVDLES DGKPQKADSN NSSKSLQSAG FTAGLTYS QL MTLKDAMLQL DPNAKTWMDI EGRPDPVEI ALYQPSSGCY IHFFREPTDL KQFKQDAKYS HGIDVTDLFA TQPLTSAVI DALPRNMVIT CQGSDDIRKL LESQGRKDIK LIDIALSKTD SRKYENAVWD QYKDLCHMHT GVVVEKKKRG GKEEITPHCA LMDCIMFDAA VSGGLNTSVL RAVLPRDMVF RTSTPRVVL
Species	strain Mouse/Sierra Leone/Josiah/1976)(LASV)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for N recombinant protein	Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid (NC). Serves as template for viral transcription and replication. The increased presence of protein N in host cell does not seem to trigger the switch from transcription to replication as observed in other negative strain RNA viruses. Disables the host innate defense by interfering with beta interferon (IFNB) production through the inhibition of host IRF3 phosphorylation and activation by host IKBKE. Through the interaction with host IKBKE, strongly inhibits the phosphorylation and nuclear translocation of IRF3, a protein involved in IFN activation pathway, leading to the inhibition of IFNB and IRF3-dependent promoters activation
Product Categories/Family for N recombinant protein	Microbiology
References	"Nucleotide sequence of the Lassa virus (Josiah strain) S genome RNA and amino acid sequence comparison of the N and GPC proteins to other arenaviruses." Auperin D.D., McCormick J.B. Virology 168:421-425(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23343510
NCBI GeneID	956584
NCBI Accession #	NP_694869.1
NCBI GenBank Nucleotide #	NC_004296.1
UniProt Accession #	P13699
Molecular Weight	65 kDa
NCBI Official Full Name	nucleoprotein
NCBI Official Symbol	LASVsSgp1
NCBI Protein Information	nucleoprotein
UniProt Protein Name	Nucleoprotein
UniProt Gene Name	N
UniProt Entry Name	NCAP_LASSJ

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/n-recombinant-protein-e-coli/18623>