

Nucleoprotein Recombinant Protein | N recombinant protein

Recombinant Junin mammarenavirus Nucleoprotein (N)

CATALOG # AAA115518	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

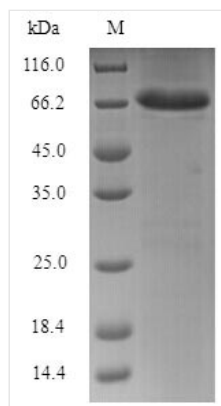
PRODUCT SYNONYMS

Nucleoprotein; Recombinant Junin mammarenavirus Nucleoprotein (N); 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	1-564aa; Full Length
Sequence	MAHSKEVPSF RWTQSLRRGL SQFTQTVKSD VLKDAKLIAD SIDFNQVAQV QRALRKTKRG EEDLNKLRDL NKEVDRLMSM RSVQRNTVFK AGDLGRVERM ELASGLGNLK TKFRAETGS QGVYMGNLSQ SQLAKRSEIL RTLG FQQGT GGNGVVRVWD VKDPSKLNNQ FGSVPALTIA CMTVQGGETM NSVIQALTSL GLLYTVKYPN LSDLDRLTQE HDCLQIVTKD ESSINISGYN FLSAAVKAG ASILDDGNML ETIRVTPDNF SSLIKSTIQV KRREGMFIDE KPGNRNPYEN LLYKLCLSGD GWPYIGSRSQ IIGRSWDNTS IDLTRKPVAG PRQPEKNGQN LRLANLTEIQ EAVIREAVGK LDPTNTLWLD IEGPATDPVE MALFQPAGSK YIHCFRKPHD EKGFKNGSRH SHGILMKDIE DAMPGVLSYV IGLLPPDMVV TTQGSDDIRK LFDLHGRRDL KLVDVRLTSE QARQFDQQVW EKFGHLCKHH NGVVVSKKKR DKDAPFKLAS SEPHCALLDC IMFQSVLDGK LYEEELTPLL PPSLLFLPKA AYAL
Species	Junin arenavirus (JUNV)
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 (By similarity). Interacts with host IKBKE (via Protein kinase domain); the interaction inhibits IKBKE kinase activity.
References	"Molecular organization of Junin virus S RNA: complete nucleotide sequence, relationship with other members of the Arenaviridae and unusual secondary structures." Ghiringhelli P.D., Rivera-Pomar R.V., Lozano M.E., Grau O., Romanowski V. J. Gen. Virol. 72:2129-2141(1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	127893
UniProt Accession #	P14239
Molecular Weight	79 kDa
NCBI Official Full Name	Nucleoprotein
UniProt Protein Name	Nucleoprotein
UniProt Gene Name	N
UniProt Entry Name	NCAP_JUNIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/n-recombinant-protein-e-coli/115518>