

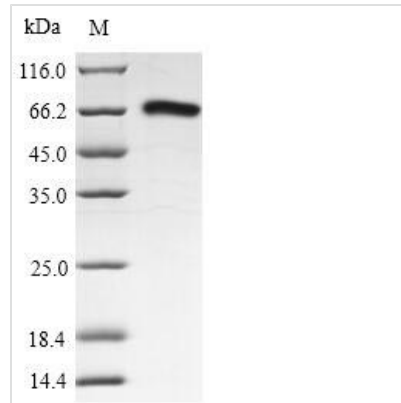


Recombinant Lassa virus Nucleoprotein (N)

Product Code	CSB-YP356406LCPe1
Relevance	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
Storage	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.
Uniprot No.	P04935
Product Type	Recombinant Protein
Immunogen Species	Lassa virus (strain GA391) (LASV)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MSASKEVRSCLWTQSLRRELSGYCSNIKLVVKAQALLHGLDFSEVSNVQR LMRKQKRDDGDLKRLRDLNQAVNNLVELKSTQQKSVLRVGTLSDDLILAAD LEKLKSKVTRTERPLSSGVYMGNLSSQQLDQRRALLNMIGMTGVSGGGKAS NGIVRVWDVKNAELLNNQFGTMPSLTLACLTKQGQVLDLNDVQALTDLGLIYT AKYPNSSDLDRLSQSHPIINMIDTKKSSLNISGYNFSLGAAVKAGACMLDGGN MLETIKVSPQTMGILKSILKVKKSLGMFVSDTPGERNPYENILYKICLSGDGW SYIASRTSIVGRAWENTVVDLEQDNKPQKIGNGGSNKSLQSAGFAAGLIYSQL MTLKDFKCFNLIPNAKTWMDIEGRPEDPVEIALYQPSSGCYVHFFREPTDLKQ FKQDAKYSHGRDVTDLFAAQPGLTSAVIEALPRNMVITCQGSSEDIRKLLESQG RRDIKLIDITLSKADSRKFENAVWDQFKDLCHMHTGVVVEKKKRGGKKEITPHC ALMDCIMFDAAVSGLDAKVLRVVLPVPRDMVFRTSTPKVVV
Research Area	Microbiology
Source	Yeast
Target Names	N
Protein Names	Nucleocapsid protein Protein N
Expression Region	1-570aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	62.9 kDa

**Protein Length**

Full Length

Image

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

Shelf Life

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