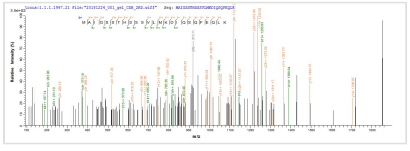
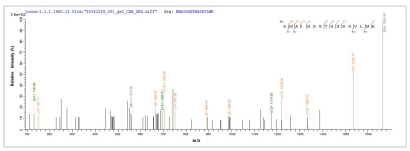
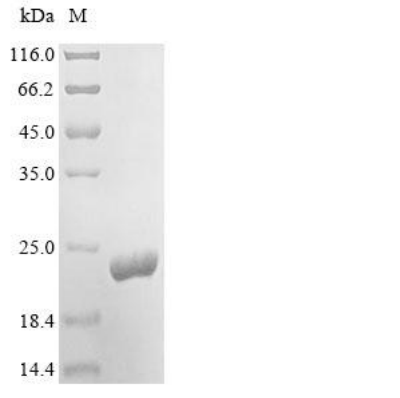
Recombinant Influenza B virus Nuclear export protein (NS)

Product Code	CSB-EP362296IJZ
Abbreviation	Recombinant Influenza B virus Nuclear export protein
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.	P08014
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Immunogen Species	Influenza B virus (strain B/Yamagata/1/1973)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MADNMTTTQIEWRMKKMAIGSSTHSSSVLMKDIQSQFEQLKLRWESYPNLVK STDYHQRRETIRLVTEELYLLSKRIDDNILFHKTVIANSSIIADMIVSLSLLETLYE MKDVVEVYSRQCL
Research Area	Microbiology
Source	E.coli
Target Names	NS
Protein Names	Recommended name: Nuclear export protein Short name= NEP Alternative name(s): Non-structural protein 2 Short name= NS2
Expression Region	1-122aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	21.8 kDa
Protein Length	Full Length
Image	 Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP362296IJZ could indicate that this peptide derived from E.coli-expressed Influenza B virus (strain B/Yamagata/1/1973) NS.
	 Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP362296IJZ could indicate that this peptide derived from E.coli-expressed

Influenza B virus (strain B/Yamagata/1/1973) NS.



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

Description

Constructing a plasmid encoding the Influenza B virus (strain B/Yamagata/1/1973) Nuclear export protein (1-122aa) is the initial step in the general approach to express the recombinant Influenza B virus (strain B/Yamagata/1/1973) Nuclear export protein. The plasmid is then transformed into e.coli cells. Positive e.coli cells are selected and cultured, protein expression is induced, and cells are lysed. The protein is fused with a N-terminal 10xHis tag and C-terminal Myc tag. The resulting recombinant Influenza B virus (strain B/Yamagata/1/1973) Nuclear export protein is then purified through affinity purification, and SDS-PAGE analysis is carried out to verify the presence and assess the purity of the protein. Its purity exceeds 85%.

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

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