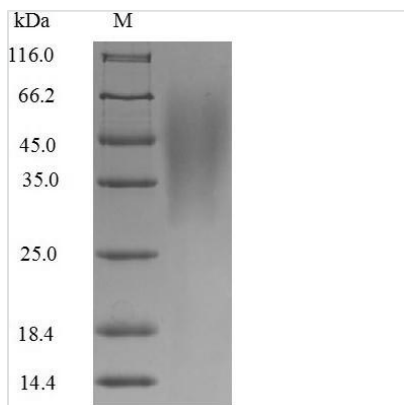




# Recombinant Influenza B virus Non-structural protein 1 (NS)

<b>Product Code</b>	CSB-YP365963IJK
<b>Relevance</b>	Binds and inhibits the conjugation of the ubiquitin-like G1P2/ISG15 protein to its target proteins. Since G1P2/ISG15 is an early antiviral protein, NS1 may inhibit the host antiviral response. Prevents EIF2AK2/PKR activation, either by binding double strand RNA or by interacting directly with EIF2AK2/PKR. Also binds poly(A) and U6 snRNA.
<b>Abbreviation</b>	Recombinant Influenza B virus Non-structural protein 1
<b>Storage</b>	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.
<b>Uniprot No.</b>	P03502
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Influenza B virus (strain B/Lee/1940)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MADNMTTQTQIEVGPATNATINFEAGILECYERFSWQRALDYPGQDRLHRLKR KLESRIKTHNKSEPENKRMSLEERKAIGVKMMKVLFFMDPSAGIEGFEPYCVK NPSTSKCPNYDWDYPPTPGKYLDIEEEPENVDHPIEVVLRDMNNKDARQKI KDEVNTQKEGKFRILTIRDIRNVLSLRVLVNGTFLKHPNGDKSLSTLHRLNAYD QNGGLVAKLVATDDRTVEDEKDGHRILNSLFFERFDEGHSKPIRAAETA VGVLS QFGQEHRLSPEEGDN
<b>Research Area</b>	Microbiology
<b>Source</b>	Yeast
<b>Target Names</b>	NS
<b>Protein Names</b>	NS1A
<b>Expression Region</b>	1-281aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	34.1 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



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

**The reducing (R) protein migrates as 45 kDa in SDS-PAGE may be due to glycosylation.**

### 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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