Tribioscience

Recombinant Influenza B Virus Nucleoprotein (NP) From B/Yamagata, B/Florida/4/2006 (TBP0175)

Catalog	Unit Size
TBP0175-10	10 ug
TBP0175-100	100 ug

Description

Recombinant Influenza B Virus Nuceoprotein (NP) is derived from Influenza B virus strain B/Florida/4/2006 (Yamagata lineage), corresponding to GenBank accession ADN32822. Expressed in HEK293 cells.

Sequence corresponds to the full-length or truncated region of the Hemagglutinin (HA) or Nucleoprotein (NP) gene based on the selected construct. Bioactive, ensuring proper folding and functionality for downstream applications.

Synonyms

NP, Nucleocapsid protein, Nucleoprotein of Influenza B virus and Influenza B NP protein

Applications

- Neuraminidase Enzyme Activity
- ELISA (Enzyme-Linked Immunosorbent Assay)
- Western Blot (WB)
- Immunofluorescence (IF)
- Lateral Flow Assay (LFA) development
- Vaccine research and development
- Neutralization assays
- Monoclonal antibody screening

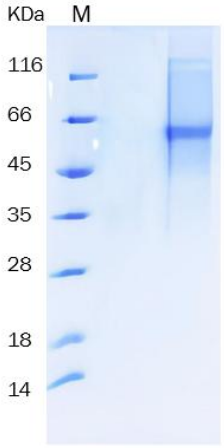

Fig.1: Protein Staining in SDS-PAGE

Main Features

- Highly purified: ≥ 98% purity by SDS-PAGE).
- Highly Bioactive.
- Tag -free (customizable).
- Sequence verified against GenBank: ADN32822.
- Lot-to-lot consistency ensured for reproducible results.

Molecular Weight

51.2 kDa

Package size

10 µg, 100 µg/vial

Formulation

Liquid in PBS contains 5% Trehalose, 5% Mannitol, 0.01%,Tween-80.

Storage

Store at -20~-80℃, Stable for 3 years.