

Ebola Zaire Recombinant Protein

Item Number rAP-5180

Synonyms

Description Nucleoprotein (NP) of Ebola virus has strong antigenicity in immune reactions. C-terminal of EBO-Z nucleoprotein was expressed and purified from E. coli, it migrated at 15kDa on SDS-PAGE and pI is 4.87. Ebola Zaire is fused to a c-terminal his tag and purified by a proprietary chromatographic technique.

Uniprot Accession Number

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Formulation and Purity Ebola Zaire protein solution (0.78mg/1ml) is supplied in Phosphate buffer and 0.02% sodium azide. >95% pure as determined by 12% SDS-PAGE (Coomassie blue stain).

Application Immunoassay.

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**