

Recombinant Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) NP protein(His630-Gln739), His-tagged

Cat. No. NP-802V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) NP (AHX24646.1) (His630-Gln739) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	EBOV
Source	E.coli
ProteinLength	His630-Gln739
Form	Lyophilized from sterile 50 mM Tris, 500 mM NaCl, pH 7.8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) NP consists 128 amino acids and predicts a molecular mass of 15.6 kDa.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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