

Recombinant Human parainfluenza 3 virus (HPIV-3) (strain Wash/47885/57) HN protein(Asn54-Ser572), His-tagged

Cat. No. HN-3262V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human parainfluenza 3 virus (HPIV-3) (strain Wash/47885/57) HN (P08492-1) (Asn54-Ser572) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	HPIV3
Source	Insect Cells
ProteinLength	Asn54-Ser572
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, 10 % glycerol, pH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human parainfluenza 3 virus (HPIV-3) (strain Wash/47885/57) HN consists of 537 amino acids and predicts a molecular mass of 60.4 kDa. It migrates as an approximately 61.9 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % 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

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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