



Recombinant PIV type 1 Nucleocapsid [His] (DAG-WT1203)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding full length of the human parainfluenza 1 virus nucleoprotein (1-524aa) was expressed with a polyhistidine tag at the N-terminus
Purity	> 85% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	63.6 kDa
Format	Liquid or Lyophilized powder
Size	20 µg, 100 µg, 1 mg
Buffer	Tris/PBS-based buffer
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Human parainfluenza viruses (HPIV) were first discovered in the late 1950s. HPIV is genetically and antigenically divided into types 1 to 4. Parainfluenza viruses are enveloped viruses with a negative strand, ~15 500 nucleotide-long nonsegmented RNA genome which encodes two envelope glycoproteins, the haemagglutinin-neuraminidase (HN), and the fusion protein (F, itself cleaved into F1 and F2 subunits), a matrix protein (M), a nucleocapsid protein (N) and several nonstructural proteins including the viral replicase (L).
---------------------	--

Keywords

Human parainfluenza 1 virus; PIV; Nucleoprotein

GENE INFORMATION

UniProt ID

P24304
