

Hepatitis delta virus genotype I (HDV) Large delta antigen Protein (His & Myc)

General Information

Synonyms:	L-HDAg;p27;Large delta antigen
Protein Construction:	1-211 aa
Species:	HDV
Expression Host:	P. pastoris (Yeast)
Accession:	P0C6L6
Molecular Weight:	27.7 kDa (predicted)
AA Sequence:	MSRSESRKNRGGREEILEQWVAGRKKLEELERDLRKTKKKLLKIEDENPWLGNIGILGKKDKDGEGAPPAKR ARTDQMEVDSGPRKRPLRGGFTDKERQDHRRRKALENKKKQLSAGGKNLSKEEEEEELRRLTEEDERRRVA GPPVGGVIPLEGGSRGAPGGGFVPSLQGVPEPFSRTGEGDIRGNRGFPWDILFPADPPFSPQSC

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Following virus entry into host cell, provides nuclear import of HDV RNPs thanks to its nuclear localization signal. Needs co-infection with hepatitis B virus to provide surface proteins, otherwise there is no packaging or budding. Packages the HDV ribonucleoprotein in hepatitis B virus empty particles. Interacts with both HDV genomic RNA and cytoplasmic tail of HBsAg. May inhibit viral RNA replication.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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