

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

General Information

Synonyms:	Small delta antigen;p24;S-HDAg
Protein Construction:	1-195 aa
Species:	HDV
Expression Host:	P. pastoris (Yeast)
Accession:	P06934
Molecular Weight:	25.4 kDa (predicted)
AA Sequence:	MSRSESRKNRGGREEILEQWVAGRKKLEELERDLRKTKKKLLKIEDENPWLGNIGILGKKDKDGEGAPPAKR ARTDQMEVDSGPRKRPLRGGFTDKERQDHRRRKALENKKKQLSAGGKNLSKEEEEEELRRLTEEDERRRVA GPPVGGVIPLEGGSRGAPGGGFVPSLQGVPEPSPFSRTGEGDIRGNRGFP

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:	> 85% 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

Promotes both transcription and replication of genomic RNA. Following virus entry into host cell, provides nuclear import of HDV RNPs thanks to its nuclear localization signal. May interact with host RNA polymerase II thereby changing its template requirement from DNA to RNA. RNA pol II complex would then acts as an RNA-directed RNA polymerase, and transcribe and replicate HDV genome.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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