

Chicken anemia virus (isolate USA 26p4) Apoptin Protein (His)

General Information

Synonyms:	Apoptin;VP3
Protein Construction:	1-120 aa
Species:	CAV
Expression Host:	E. coli
Accession:	P54095
Molecular Weight:	17.1 kDa (predicted)
AA Sequence:	MNALQEDTPPGPSTVFRPPTSSRPLETPHCEIRIGIAGITITLSLCGCANARAPTLRSATADSSSESTGFKNAPDLR TDQPKPPSKKRSCDPSEYRVSELKENLITTPSRPRTARRCIRL

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

May act as transcriptional regulator. Induces apoptosis in infected cells. Element of infectious replication cycle.

Reference

Prohibitin of swine antagonizes SADS-CoV replication and virus-induced apoptosis

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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