

Vaccinia virus (strain Copenhagen) OPG161 Protein (A33R, E. coli, His)

General Information

Synonyms:	Protein OPG161;OPG161
Protein Construction:	57-185 aa
Species:	VACV
Expression Host:	E. coli
Accession:	P68616
Molecular Weight:	17.8 kDa (predicted)
AA Sequence:	VRLNQCMSANEAAITDAAVAVAAAASSTHRKVASSTTQYDHKESCNGLYYQGSCYILHSDYQLFSDAKANCT AESSTLPNKSDVLITWLIDYVEDTWGSDGNPITKTTSDYQDSDVVSQEVRYFCVKTMN

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

Coordinates the incorporation of A36 into intracellular enveloped virion (IEV) membranes and, subsequently, the production of actin tails. Therefore plays an essential role in efficient cell-to-cell spread of viral particles.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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