

Recombinant Varicella-zoster virus (VZV) Glycoprotein www.abclonal.com E Protein

Catalog No.: RP03211 Recombinant

Sequence Information

Species Gene ID Swiss Prot Varicella-Zoctor virus AQT34120.1

zoster virus (VZV)

Tags No tag

Synonyms

Varicella-zoster virus (VZV) Glycoprotein E; gE; VZV

Product Information

Source Purification

CHO Stable Cells ≥ 90 % as

determined by SDS-PAGE;≥ 90 % as determined by HPLC.

Calculated MW Observed MW

70 kDa 70 kDa

Endotoxin

< 1 EU/ μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Basic Information

Description

Recombinant Varicella-zoster virus (VZV) Glycoprotein E Protein is produced by CHO Stable Cells expression system. The target protein is expressed with sequence of VZV gE (Accession #AQT34120.1) fused with no tag.

Bio-Activity

Immobilized Recombinant Varicella-zoster virus (VZV) Glycoprotein E Protein at 2 μ g/mL (100 μ L/well) can bind Anti-Glycoprotein E (VZV) Antibody, the EC₅₀ is 3-9 ng/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

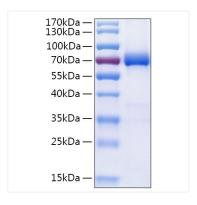
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Varicella-zoster virus (VZV) Glycoprotein E Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.