

RP03211

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# Recombinant Varicella-zoster virus (VZV) Glycoprotein E Protein

Catalog No.: RP03211 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
CHO Stable Cells		AQT34120.1

### 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.

### 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## 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 μg/mL (100 μL/well) can bind Anti-Glycoprotein E (VZV) Antibody, the EC<sub>50</sub> is 3-9 ng/mL.

#### Shipping

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

#### Operational Notes

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

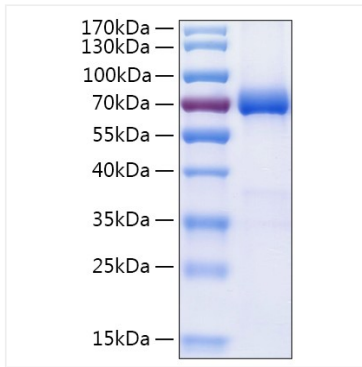
#### Storage

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.

\* For your safety and health, please wear a lab coat and disposable gloves when handling.

## Validation Data

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