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Recombinant Varicella-zoster virus (VZV) Glycoprotein E Protein

Catalog No.: RP03211 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Varicella-zoster virus (VZV)		AQT34120.1

Tags
No tag

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

Product Information

Source	Purification
CHO Stable Cells	> 90% by SDS-PAGE, > 90% by SEC-HPLC

Endotoxin
< 1.0 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

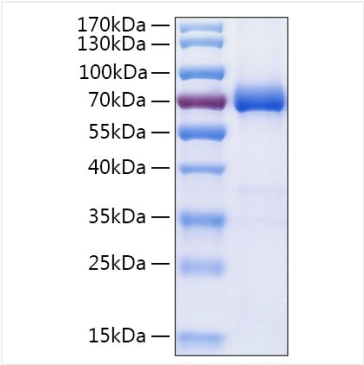
Basic Information

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 μg/mL (100 μL/well) can bind Anti-Glycoprotein E (VZV) Antibody, the EC_{50} is 3-9 ng/mL.

Storage
Store the lyophilized protein at -20°C to -80 °C for 12 months.
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.

Validation Data



Recombinant Varicella-zoster virus (VZV) Glycoprotein E Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 65-70 kDa.