Recombinant Varicella-zoster virus (VZV) gE protein, His-tagged

Cat. No. gE-0414V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Varicella-zoster virus (VZV) gE protein(Met1-Tyr538), fused with His tag, was expressed in HEK293.
Species	VZV
Source	HEK293
ProteinLength	Met1-Tyr538
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant Varicella-zoster virus (VZV) / HHV-3 gE / glycoprotein E consists of 519 amino acids and predicts a molecular mass of 59.02 kDa. It migrates as an approximately 68.96 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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