

Recombinant Varicella-zoster virus gE protein, N-His

Catalog Number: bs-42275P

Concentration: >1mg/ml

Species: Varicella Zoster Virus

AA Seq: 31-538/623

Predicted MW: 59.8

Tags: N-His

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Varicella Zoster Virus (VZV), a member of the human herpes virus family, causes two distinct clinical manifestations: childhood chickenpox(Varicella) and shingles (zoster). Varicella is the outcome of the primary infection with VZV, whereas, zoster is the result of VZV reactivation from latently infected sensory ganglia which occurs predominantly in aging and immunosuppressed individuals.

VZV virions are spherical and 150-200 nm in diameter. Its lipid envelope encloses the nucleocapsid of 162 capsomeres arranged in a hexagonal form. Its DNA is a single linear, double strand molecule, 125,000 nt long.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.



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