

VZV gE recombinant protein

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CATALOG # AAA75427	HOST E. coli	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

VZV gE; VZV gE protein; Varicella Zoster Virus gE protein; VZV gE recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 95% pure
Form/Format	Liquid in 60mM NaCl, pH 8.0, with 50mM Tris-HCl, 0.25% Sarkosil, 10mM Glutathione and 50% Glycerol.
Concentration	0.1mg/mL (varies by lot)
Applicable Applications for VZV gE recombinant protein	WB (Western Blot), ELISA
Protein Type	Recombinant
Species	Viral
Biological Significance	VZV is closely related to the herpes simplex viruses (HSV), sharing much genome homology. The known envelope glycoproteins (gB, gC, gE, gH, gI, gK, gL) correspond with those in HSV, however there is no equivalent of HSV gD. VZV virions are spherical and 150-200 nm in diameter. Their lipid envelope encloses the nucleocapsid of 162 capsomeres arranged in a hexagonal form. Its DNA is a single, linear, double-stranded molecule, 125,000 nt long. The virus is very susceptible to disinfectants, notably sodium hypochlorite. Within the body it can be treated by a number of drugs and therapeutic agents including aciclovir, zoster-immune globulin (ZIG), and vidarabine.
Expression System	E Coli
Residues	VZV gE immunodominant regions containing amino acids 48-135.
Preparation and Storage	4°C short term. -20°C long term.

ADDITIONAL INFORMATION

Related Product Information for VZV gE recombinant protein	Purified recombinant VZV gE protein
Product Categories/Family for VZV gE recombinant protein	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.