Recombinant Varicella Zoster Virus VZVGE protein, GST-tagged

Cat. No. VZVGE-287V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived recombinant protein contains the VZV gE immunodominant regions, amino acids 48-135 and fused to a GST-Tag at N-terminus.
Species	VZV
Source	E.coli
ProteinLength	amino acids 48-135
Description	VZV is closely related to the herpes simplex viruses(HSV), sharing much genomehomology. 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 virons are spherical and 150-200 nm in diameter. Their lipidenvelope encloses the nucleocapsid of 162 capsomeres arranged in a hexagonalform. Its DNAis 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.
Form	60mM NaCl, 50mM Tris-HCl pH 8.0, 0.25% Sarkosil, 10mM glutathione and 50% glycerol.
Purity	Varicella protein is >90% pure as determined by SDS-PAGE.

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Applications	ELISA, Western blots and Flow-through.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Specificity	Immunoreactive with sera of VZV-infected individuals.
Storage	Varicella Protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs

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