Recombinant Varicella Zoster Virus ORF9 protein

Cat. No. ORF9-289V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived recombinant protein contains the VZV ORF9 immunodominant regions, amino acids 6-28, 76-100.
Species	VZV
Source	E.coli
ProteinLength	6-28;76-100 a.a.
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	25mM Tris-Hcl pH 8.0, 1mM EDTA and 50% glycerol.
Purity	Varicella protein is >95% pure as determined by 10% PAGE (coomassie staining).
Applications	Varicella Zoster antigen is suitable for ELISA and Western blots, excellent antigen for detection of VZV with minimal specificity problems.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	ORF9 tegument protein VP22 [Human herpesvirus 3 (Varicella-zoster virus)]
Official Symbol	ORF9
Synonyms	ORF9; tegument protein VP22
Gene ID	1487674
Protein Refseq	NP_040132.1
UniProt ID	Q6QCP6

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