

## Product datasheet

# Recombinant VZV ORF26 protein ab48958

### Overview

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<b>Product name</b>	Recombinant VZV ORF26 protein
<b>Protein length</b>	Protein fragment

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab48958** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: 0.01% Sodium Azide Constituents: 50% Glycerol, 1.5M Urea, 25mM Tris HCl, 1mM EDTA
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### General Info

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<b>Relevance</b>	Varicella-zoster virus (VZV or HHV3) is a member of the genus Varicellovirus in the Alphaherpesvirinae subfamily of the Herpesviridae. It is the causative agent of chicken pox (varicella) in children, after which it establishes latency in the sensory ganglia with the potential to reactivate at a later time to cause shingles (zoster). This is an extremely stable virus. The genome is comprised of ~125 kb of linear double-stranded DNA containing approximately 71 open reading frames (ORFs). The viral structure is similar to that of other alphaherpesviruses, consisting of two unique regions, unique long and unique short, each flanked by inverted repeats; short repeats termed terminal repeat long and internal repeat long border the unique long region, while larger repeats termed terminal repeat short (TRS) and internal repeat short (IRS) border
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the unique short region. Varicella-zoster virus (VZV) interacts with cell surface heparan sulfate proteoglycans during virus attachment. VZV-gE is a glycoprotein that plays an active or supportive role in VZV cell membrane fusion. VZV-gE was found to enhance the fusogenic potential of VZV gB.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

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