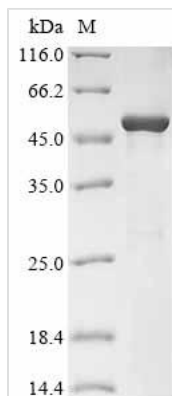




Recombinant Varicella-zoster virus Tegument protein UL47 homolog (ORF11), partial

Product Code	CSB-EP357615VAP
Abbreviation	Recombinant Varicella-zoster virus ORF11 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P09263
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Varicella-zoster virus (strain Dumas) (HHV-3) (Human herpesvirus 3)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	IERILVEDVFLDRRASSKTHKYGPRWNSVYALPYNAGKMYVQHIPGFYDVSLR AVGQGTAIWHHMILSTAACAISNRISHGDGLGFLLDAAIRISANCIFLGRNDNFG VGDPWCWLEDHLAGLPREAVPDVLQVTQLVLPNARGPTVAIMRGFFGALAYWPE LRIASEPSTSLVRYATGHMELAEWFLFSRTHSLKPQFTPTEREMLASFFTLVY TLGGGMLNWCIRATAMYLAAPYHSRSAYIAVCESLPYYYIPVNSDLLCDLEVLL LGEVDLPTVCESYATIAHELTGYEAVRTAATNFMIEFADCYKESETDLMVSAYL GAVLLLQRVLGHANLLLLLLSGAALYGGCSIYIPRGILDAYNTLMLAASPLYAHQ TLTSFWKDRDDAMQTLGIRPTTDVLPKEQDRIVQASPIEMNFRFVGLETIYPRE QPIPSVDLAENLMQYRNEILGLDW
Research Area	Others
Source	E.coli
Target Names	ORF11
Expression Region	354-808aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	58.3 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

In expressing the recombinant Varicella-zoster virus (strain Dumas) ORF11 protein, e.coli cells are transfected with a DNA expression vector that harbors the gene for the desired protein (354-808aa). The cultured cells then express the intended protein. The protein is equipped with a N-terminal 10xHis tag and C-terminal Myc tag. The recombinant Varicella-zoster virus (strain Dumas) ORF11 protein is collected and purified from the cell lysate through affinity purification, achieving a purity surpassing 85%, as confirmed by SDS-PAGE.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.