

Varicella Zoster Virus ORF26 Recombinant Protein | VZV ORF26 recombinant protein

Varicella Zoster Virus ORF26 Recombinant

CATALOG #	HOST
AAA76076	E Coli (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)

PRODUCT SYNONYMS

Varicella Zoster Virus ORF26; Varicella Zoster Virus ORF26 Recombinant; vzv; varicella zoster; orf26; VZV ORF26 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)
Purity/Purification	>95%, as determined by SDS-PAGE.
Form/Format	Lyophilized from 25mM Tris-Hcl pH 8.0, 1mM EDTA and 50% glycerol.
Sequence Length	585
Host Note	DNA sequence encoding immunodominant fragment of Varicella Zoster virus ORF26 protein was expressed in Escherichia Coli.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Molecular Weight Note	Recombinant Varicella Zoster virus ORF26 encodes the immunodominant sequences of the VZV DNA packaging protein. This molecule has a calculated mass of approximately 7kDa. Recombinant VZV ORF26 contains an N terminal GST purification tag and migrates as an approximately 33 kDa protein under non-reducing conditions and reducing conditions in SDS-PAGE.
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C. Upon reconstitution, this protein can be stored in working aliquots at 2 degree - 8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for VZV ORF26 recombinant protein	Viral Antigens
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9625900
NCBI GeneID	1487694
NCBI Accession #	NP_040149.1
NCBI GenBank Nucleotide #	NC_001348.1
UniProt Accession #	P09282
Molecular Weight	65,695 Da
NCBI Official Full Name	DNA packaging protein UL32

UniProt Protein Name	DNA packaging protein
UniProt Gene Name	ORF26
UniProt Entry Name	Q6QCM9_HHV3

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.

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Online datasheet: <https://stage.aaabiotech.com/orf26-recombinant-protein-e-coli/76076>