

## Recombinant Vaccinia virus TOP1 protein, His-tagged

Cat. No. TOP1-3710V    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Vaccinia virus TOP1 protein(P68697)(1-314aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	VACV
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-314aa
<b>Form</b>	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, pH 8.0.
<b>Molecular Mass</b>	40.7 kDa
<b>AA Sequence</b>	MRALFYKDGKLFDTNDFLNPNVSDDNPAYEVLQHVKIPHTLTDVVVYEQTWEEALTRL IFVGSDDSKGRRQYFYGKMHVQNRNAKRDRIFVRVYNVMKRINCFINKNIKKSSTDSN YQLAVFMLMETMFFIRFGKMKYLKENETVGLLTLKNKHIEISPDEIVIKFVGKDKVSHE FVVHKS NRLYKPLLKLTDDSSPEEFLFNKLSERKVYECIKQFGIRIKDLRTYGVNYTFL YNFWTNVKSISPLPSPKKLIALTIKQTAEVVGHTPSISKRAYMATTILEMVKDKNFLDV VSKTTFDEFSLIVVDHVKSSTDG
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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%.

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