

## OPG081 Protein, Vaccinia virus (Cell-Free, His, SUMO)

Cat. No.:	HY-P702397
Synonyms:	Protein OPG081; Protein I5; Protein VP13K
Species:	Virus
Source:	E. coli Cell-free
Accession:	P12924 (V2-S79)
Gene ID:	3707607
Molecular Weight:	24.6 kDa

### PROPERTIES

AA Sequence	V D A I T V L T A I      G I T V L M L L M V      I S G A A L I V K E      L N P N D I F T M Q S L K F N R A V T I      F K Y I G L F I Y I      P G T I I L Y A T Y      V K S L L M K S
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	OPG081 functions as an envelope protein.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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