

OPG105

Recombinant Vaccinia Virus/VACV D8L Protein, N-His Tag

Catalog No.	YVV14001A YVV14001B	Quantity:	100 µg 1.0 mg
Alternate Names:	Cell surface-binding protein OPG105, Carbonic anhydrase homolog, OPG105, D8L, Vaccinia virus strain Copenhagen, VACV		
Description:	Vaccinia virus cell surface-binding protein OPG105 binds to chondroitin sulfate on the cell surface to provide virion attachment to target cell. VACV is a large, double-stranded DNA virus that carries out its entire replication cycle in the cytoplasm of infected cells. The virus is in the same family as variola virus, the causative agent of smallpox. Immunization with a vaccine derived from vaccinia virus provides protection against smallpox, monkeypox, and other members of the orthopoxvirus family.		
UniProt ID:	P20508		
Protein Construction:	Met1-Thr261, VACV strain Copenhagen		
Source:	E. coli		
Formulation:	Lyophilized from sterile-filtered PBS, pH 7.4, 0.02% NLS, 1 mM EDTA, 4% trehalose, 1% mannitol		
Molecular Weight:	32.32 kDa, predicted		
Purity:	> 90 % as determined by SDS-PAGE.		
Applications:	SDS-PAGE, Western Blot, ELISA, Immunogen		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 1.0 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C. After reconstitution, stable for 1 week at 2-8°C, or store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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Cell Sciences[®]
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com