

OPG190

Recombinant Vaccinia Virus/VACV Protein B5 (strain Copenhagen) C-His Tag

Catalog No.	CSI99018A CSI99018B	Quantity:	100 µg 1.0 mg
Alternate Names:	Protein OPG190, B5R, Plaque-size/host range protein, PS/HR		
Description:	Vaccinia virus Protein OPG190/Protein B5 plays a role in the dissolution of the outermost membrane of extracellular enveloped virions (EV) to allow virion entry into host cells.		
UniProt ID:	Q01227		
Species:	Vaccinia virus (VACV) (strain Copenhagen)		
Protein Construction:	A DNA sequence encoding the Vaccinia virus (VACV) (strain Copenhagen) PS/HR (P21115) (Tyr18-His279) was expressed with a polyhistidine tag at the C-terminus.		
Source:	HEK293 cell line		
Formulation:	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol, 0.01% Tween-80		
Molecular Weight:	The recombinant Vaccinia virus (VACV) (strain Copenhagen) PS/HR consists of 273 amino acids with a predicted molecular mass of 30.53 kDa. It migrates at ~40.43 kDa in SDS-PAGE under reducing conditions, due to glycosylation.		
Purity:	> 90 % as determined by SDS-PAGE		
Endotoxin Level:	< 1.0 EU per µg protein as determined by the LAL method.		
Predicted N-terminal:	Tyr 18		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to prepare a stock solution of 0.25 mg/ml. 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, store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

SDS-PAGE - VACV Protein B5



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