

Active Recombinant Vaccinia Virus B19R, His-tagged

Cat. No. B19R-190V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Vaccinia Virus B18R Protein, His 20 - Glu 351 (Accession # P25213), was produced in human 293 cells (HEK293).
Species	VACV
Source	HEK293
ProteinLength	20-351 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% Trehalose.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IFN-α1a at 2µg/mL (100 µ/well), can bind Vaccinia Virus B18R, His Tag with a linear range of 0.8-10 ng/mL.
Molecular Mass	Vaccinia Virus B18R, His Tag is fused with a polyhistidine tag at the C-terminus, and has a calculated MW of 40.3 kDa. The predicted N-terminus is His 20. The reducing (R) protein migrates as 50-60 kDa in SDS-PAGE due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade

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Storage Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name B19R temporal expression: early [Vaccinia virus]

Official Symbol B19R

Synonyms B19R; VACWR200; IFN-alpha/beta-receptor-like secreted glycoprotein;

Gene ID 3707577

mRNA Refseq

Protein Refseq YP_233082.1

MIM

UniProt ID P25213

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