Active Recombinant HHV8 Viral Macrophage Inflammatory Protein 2

Cat. No. K4-229V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant HHV8 Viral Macrophage Inflammatory Protein 2(Q98157)(23-93 aa) was expressed in E.coli.
Species	HHV8
Source	E.coli
ProteinLength	23-93 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 150mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The specific activity is determined by the inhibitory effect on monocyte migration response to human MIP-1 alpha using a concentration range of 1.0ng-10.0ng/ml of viral MIP-2 will inhibit 25ng/ml of human MIP-1 alpha.
Molecular Mass	Approximately 8.0 kDa, a single, non-glycosylated polypeptide chain containing 70 amino acids.
AASequence	LGASWHRPDK CCLGYQKRPL PQVLLSSWYP TSQLCSKPGV IFLTKRGRQV CADKSKDWVK KLMQQLPVTA
Endotoxin	Less than 1 EU/μg of rViMIP-2 as determined by LAL method.

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Purity	>97% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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