

Active Recombinant CMV UL146

Cat. No. UL146-201C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant CMV UL146 (Accession # AAA85885) Thr23-Gly117 was produced in E. coli-derived.
Species	CMV
Source	E.coli
ProteinLength	23-117 a.a.
Predicted N Terminal	Thr23
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce myeloperoxidase release from cytochalasin B-treated human neutrophils. Schröder, J.M. et al. (1987) J. Immunol. 139:3474. The ED50 for this effect is typically 0.3 - 0.6 µg/mL. Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CXCR2. The ED50 for this effect is typically 0.03 - 0.18 µg/mL.
Molecular Mass	Recombinant CMV UL146 has a calculated MW of 11.1 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

Reconstitution

Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

UL146 contains signal peptide; putative secreted glycoprotein; involved in immune regulation [Human herpesvirus 5 (Human cytomegalovirus)]

Official Symbol

UL146

Synonyms

UL146; contains signal peptide; putative secreted glycoprotein; involved in immune regulation; chemokine vCXCL1; YP_081571.1; CXCL family

Gene ID

[3077566](#)

mRNA Refseq
Protein Refseq

[YP_081571](#)

MIM
UniProt ID

Q6SW20

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