

Active Recombinant Human cytomegalovirus IL-10 protein

Cat. No. IL10-356 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human cytomegalovirus IL-10(Ala26-Lys176) protein was expressed in E. coli.
Species	Human cytomegalovirus
Source	E.coli
ProteinLength	26-176 a.a.
Predicted N Terminal	Ala26
Form	Lyophilized from a 0.2 µm filtered solution in NaH ₂ PO ₄ and NaCl with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit LPS-induced IL-1 beta secretion by human peripheral blood lymphocytes (PBL). The ED50 for this effect is typically 0.1-0.6 ng/mL.
Molecular Mass	17.6 kDa
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after

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reconstitution.3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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