

Mouse CD14 Recombinant Protein



RPPB3007

Product Information Protein Information

Product SKU:

RPPB3007

Accession:

P10810

Host:

CHO-cells.

Protein description:

The CD14 is produced from mouse CD14 transfected CHO-cells in serum free medium. Before transfection the complete mouse CD14-cDNA was amplified by PCR and cloned into expression vector p-POL-DHFR). The recombinant mouse CD-14 was purified by His-tag and controlled by SDS page. The myeloid differentiation antigen CD14 acts as the major receptor for bacterial LPS. The dominant form of the recombinant wildtype CD14 is the 50 kDa protein.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein, CD14.

Formulation:

CD14 was lyophilized from a concentrated protein solution (1 mg/ml) containing phosphate-buffered saline, pH 7.2.

Solubility:

It is recommended to reconstitute the lyophilized Mouse CD14 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Mouse CD14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse CD14 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.