



## Recombinant Human CD14

## Datasheet

**Catalog Number:** PR27030

**Product Type:** Recombinant Protein

**Source:** CHO-cells

**Description/Molecular Mass:** The rhCD14 is produced from human CD14 transfected CHO-cells. Before transfection the complete human CD14-cDNA was amplified by PCR and cloned into expression vector p-POL-DHFR. 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.

Up to 20 µg/ml CD14 inhibit binding of FITC-LPS (0.5µg/ml) to 6 x 10<sup>5</sup> CD14+CHO transfectants (FACS).

**Applications:**

- ELISA
- Inhibition Assays
- Western Blotting

**Purity:** 95%

**Format:** Recombinant Human CD-14 was lyophilized from a concentrated protein solution (1 mg/ml) containing phosphate-buffered saline, pH 7.

**Storage:** Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.  
**Please avoid freeze-thaw cycles.**

### FOR RESEARCH USE ONLY

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