

Recombinant Human CD14

Cat. No. CDA069P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD14 (aa 1-201) expressed in E.coli, shows a 50 kDa band on SDS-PAGE. The CD14 is purified by proprietary chromatographic techniques.
Species	Human
Source	E.coli
ProteinLength	1-201 a.a.
Description	CD14 (also known lipopolysaccharide (LPS) receptor) is expressed strongly on monocytes and macrophage and weakly on the surface of neutrophils. CD14 is anchored to cells by linkage to glycosylphosphatidylinositol (GPI) and functions as a high affinity receptor for complexes of LPS and LPS binding protein (LBP). Soluble CD14, also binding to LPS, acts at physiological concentration as an LPS agonist and has, at higher concentrations, an LPS antagonizing effect in cell activation. CD14 has been shown to bind apoptotic cells.
Physical Appearance	Sterile Filtered clear solution.
Formulation	CD14 at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	• ELISA • Inhibition Assays • Western Blotting
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

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GENE INFORMATION

Synonyms

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

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