

Recombinant Human CD14 protein, hFc-tagged

Cat. No. CD14-613H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD14 protein(Thr 20-Cys 352)(NP_000582.1) was expressed in Human Cells, fused to the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	Human Cells
ProteinLength	20-352 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human Fc/CD14 chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 570 amino acids and has a calculated molecular mass of 62.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhFc/CD14 monomer is approximately 75-85 kDa due to the glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE and SEC-HPLC Analysis.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD14 CD14 molecule [Homo sapiens]
Official Symbol	CD14
Synonyms	CD14; CD14 molecule; CD14 antigen; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein;
Gene ID	929
mRNA Refseq	NM_000591
Protein Refseq	NP_000582
MIM	158120
UniProt ID	P08571

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