

Recombinant Human CD14 protein, His-tagged

Cat. No. CD14-789H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD14 aa. (Asp125~Leu288 (Accession # P08571)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp125~Leu288
Description	The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein.
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP.

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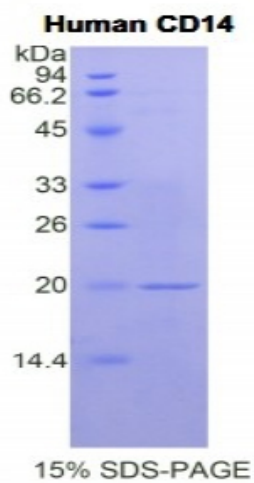
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	CD14 CD14 molecule [Homo sapiens (human)]
Official Symbol	CD14
Synonyms	myeloid cell-specific leucine-rich glycoprotein; monocyte differentiation antigen CD14
Gene ID	929
mRNA Refseq	NM_000591.3
Protein Refseq	NP_000582.1
UniProt ID	P08571

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SDS-PAGE



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