

Recombinant Mouse Cd14 protein(Met1-Pro345), His-tagged

Cat. No. Cd14-2270M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD14 (NP_033971.1)(Met 1-Pro 345) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro345
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CD14 consists of 341 amino acids and has a predicted molecular mass of 36.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD14 is approximately 45-50 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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 antigen [<i>Mus musculus</i>]
Official Symbol	Cd14
Synonyms	CD14; CD14 antigen; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein;
Gene ID	12475
mRNA Refseq	NM_009841
Protein Refseq	NP_033971

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