

Recombinant Rat CD14 Protein, His-tagged

Cat. No. CD14-1101R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rat Cd14 (Q63691) (Met1-Tyr341) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-341 a.a.
Predicted N Terminal	Ser 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Cd14 consists 335 amino acids and predicts a molecular mass of 36.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd14 CD14 molecule [[Rattus norvegicus](#)]

Official Symbol [CD14](#)

Synonyms CD14; CD14 molecule; monocyte differentiation antigen CD14; CD14 antigen; myeloid cell-specific leucine-rich glycoprotein;

Gene ID [60350](#)

mRNA Refseq [NM_021744](#)

Protein Refseq [NP_068512](#)

MIM

UniProt ID

Pathway Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-

Function lipopolysaccharide binding; lipopolysaccharide binding; lipoteichoic acid binding; lipoteichoic acid binding; protein binding;

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