

Human CD14 (His Tag) recombinant protein



Catalog Number: 503716

General Information

Gene Name Synonym

Myeloid cell-specific leucine-rich glycoprotein; Monocyte differentiation antigen CD14, urinary form; Monocyte differentiation antigen CD14, membrane-bound form

Protein Construction

A DNA sequence encoding the mature form of human CD14 (NP_000582.1) (Met 1-Met 344) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Thr 20

Molecular Mass

The secreted recombinant human CD14 consists of 336 amino acids and has a predicted molecular mass of 36.5 kDa. The apparent molecular mass of rhCD14 is approximately 45 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

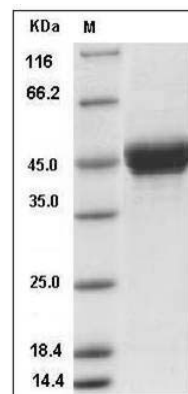
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human CD14 Protein (His Tag) SDS-PAGE