Recombinant Human CD14 Protein

Catalog No.: RP00990

Sequence Information

Species
Human

Gene ID
929

Swiss Prot
P08571

Tags
C-His

Synonyms
CD14

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
36.61 kDa

Observed MW
45-55 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human CD14 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr20-Cys352) of human CD14 (Accession #NP_000582.1) fused with a 6×His tag at the C-terminus.

Activity
Measured by its ability to enhance LPS-stimulated IL-8 secretion by THP-1 human acute monocytic leukemia cells. The ED_{50} for this effect is 5.7-23 ng /mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

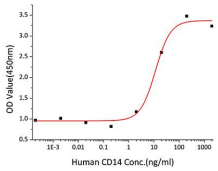
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

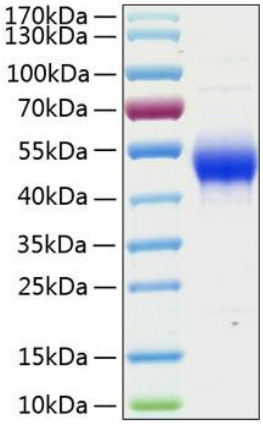
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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human CD14 enhance LPS-stimulated IL-8 secretion by THP-1 human acute monocytic leukemia cells. The ED_{50} for this effect is 5.7-23 ng/mL.



Recombinant Human CD14 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.