

Recombinant Mouse CD14 Protein

Catalog No.: RP03545

Sequence Information

Species	Gene ID
Mouse	12475
Swiss Prot	Tags
P10810	C-His

Synonyms

Cd14, Monocyte differentiation antigen CD14, CD14

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

38.19 kDa 52-62 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Background

Coreceptor for bacterial lipopolysaccharide. In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the LY96/TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS).

Basic Information

Description

Recombinant Mouse CD14 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser16-Pro345) of Mouse CD14 (Accession #NP_033971.1) fused with His tag at the C-terminus.

Activity

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°C

Operational Notes

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

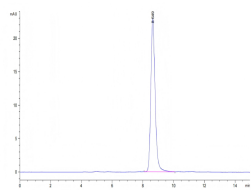
Contact

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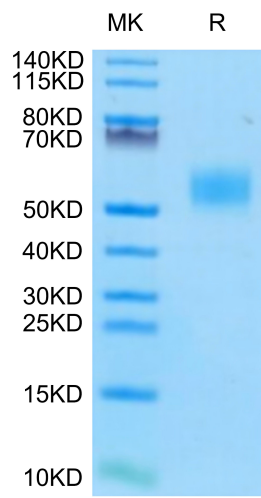
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Validation Data



The purity of Mouse CD14 is greater than 95% as determined by SEC-HPLC.



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