

Datasheet for ABIN7607283

CD14 Protein (CD14) (AA 20-352) (His tag)



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Overview

Quantity:	50 µg
Target:	CD14
Protein Characteristics:	AA 20-352
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CD14 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to enhance LPS-stimulated IL-8 secretion by human acute monocytic leukemia cells (THP-1). The ED50 for this effect is 5.7 - 23 ng/mL.

Target Details

Target:	CD14
Alternative Name:	Myeloid cell-specific leucine-rich glycoprotein (CD14 Products)

Target Details

Background:	Myeloid cell-specific leucine-rich glycoprotein, CD14, Monocyte differentiation antigen CD14
UniProt:	P08571
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months