

Datasheet for ABIN5853725

CD14 Protein (CD14) (AA 20-349) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD14
Protein Characteristics:	AA 20-349
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSTTPEPCE LDDDFRCVC NFSEPQPDWS EAFQCVSAVE VEIHAGGLNL EPFLKRVDAD ADPRQYADTV KALRVRRITV GAAQVPAQLL VGALRVLAYS RLKELTLEDL KITGTMPPPLP LEATGLALSS LRLRNVSWAT GRSWLAELQQ WLKPGGLKVL IAQAHSPAFA CEQVRAFPAL TSLDLSDNPG LGERGLMAAL CPHKFPAIQN LALRNTGMET PTGVCAALAA AGVQPHSLDL SHNSLRATVN PSAPRCMWSS ALNSLNLSFA GLEQVPKGLP AKLRVLDLSC NRLNRAPQPD ELPEVDNLTL DGNPFLVPGT ALPHEGSMNS GVV
Purity:	> 90% by SDS-PAGE

Target Details

Target:	CD14
Alternative Name:	CD14 (CD14 Products)

Target Details

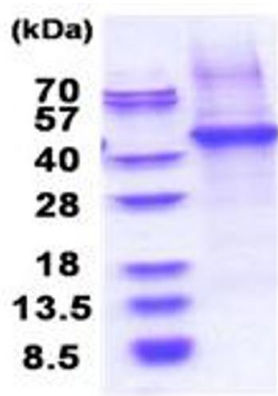
Background:	CD14 is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein. Recombinant human CD14 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	37.9 kDa (353aa) confirmed by MALDI-TOF
NCBI Accession:	NP_001167576
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:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 30 % glycerol 0.15M NaCl, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.