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## Datasheet for ABIN7534605 CD14 Protein (CD14) (His tag)

### Overview

Quantity:	100 µg
Target:	CD14
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD14 protein is labelled with His tag.

### Product Details

Purpose:	Active Recombinant Human CD14 Protein
Sequence:	TTPEPCELDD EDFRCVCNFS EPQPDWSEAF QCVSAVEVEI HAGGLNLEPF LKRVDADADP RQYADTVKAL RVRRLTVGAA QVPAQLLVGA LRVLAYSRLK ELTLEDLKIT GTMPPLPLEA TGLALSSLRL RNVSWATGRS WLAELQQWLK PGLKVLSIAQ AHSPAFSCEQ VRAFPALTSL DLSDNPGLGE RGLMAALCPH KFPAIQNLAL RNTGMETPTG VCAALAAAGV QPHSLDLSHN SLRATVNPSA PRCMWSSALN SLNLSFAGLE QVPKGLPAKL RVLDLSCNRL NRAPQPDELP EVDNLTLDGN PFLVPGTALP HEGSMNSGVV PAC
Specificity:	Thr20-Cys352
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its ability to enhance LPS-stimulated IL-8 secretion by THP-1 human acute

## Product Details

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monocytic leukemia cells. The ED<sub>50</sub> for this effect is 5.7-23 ng/mL.

## Target Details

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Target:	CD14
Alternative Name:	CD14 ( <a href="#">CD14 Products</a> )
Background:	CD14
Gene ID:	929
UniProt:	<a href="#">P08571</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
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 stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.