

## CD14 Human Recombinant

<b>Item Number</b>	rAP-0005
<b>Synonyms</b>	Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein, CD14.
<b>Description</b>	CD14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (20-349 a.a) and having a molecular mass of 37.9kDa. CD14 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P08571
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTTPEPCE LDDEDFRCVC NFSEPQPDWS EAFQCVSAVE VEIHAG-GLNL EPFLKRVADAD ADPRQYADTV KALRVRRLTV GAAQVPAQLL VGALRVLAYS RLKELTLEDLKITGTMPLLP LEATGLALSS LRLRNVSWAT GRSWLAELQQ WLKPGLKVLS IAQAHSPAFSCEQVRAFPAL TSLDLSDNPG LGERGLMAAL CPHKFPQIQN LALRNTGMET PTGVCAALAAAGVQPHSLDL SHNSLRATVN PSAPRCMWSS ALNSLNLSFA GLEQVPKGLP AKLRVLDLSC
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	CD14 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 30% glycerol 0.15M NaCl and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**