

CD14 Human Recombinant

Item Number	rAP-0005
Synonyms	Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein, CD14.
Description	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.
Uniprot Accession Number	P08571
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSTTPEPCE LDDDFRCVC NFSEPQPDWS EAFQCVSAVE VEIHAG- GLNL EPFLKRVDAD ADPRQYADTV KALRVRRRLTV GAAQVPAQLL VGALRVLAYS RLKELTLEDL KITGTMPPPL LEATGLALSS LRLRNVSAT GRSWLAELQQ WLKPGKLVLS IAQAHSFAFS CEQVRAFAPAL TSLDLSDNPG LGERGLMAAL CPHKFPAIN LALRNTGMET PTGVCAALAA AGVQPHSLDL SHNSLRATVN PSAPRCMWSS ALNSLNLSFA GLEQVPKGLP AKLRVLDLSC
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**