

CD14 Human Recombinant HEK

Item Number	rAP-0004
Synonyms	Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein, CD14.
Description	CD14 Human Recombinant produced by mammalian expression system in human cells is a single polypeptide chain containing 341 amino acids (20-352). CD14 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P08571
Amino Acid Sequence	TTPEPCELDDDFRCVCNFSEPQPDWSEAFQCVSAVEVEIHAGGLNLEPFLKRVDA-DADPRQYADTVKALRVRLTVGAAQVPAQLLVGALRVLAYSRKELTLEDLKITGTMPPLEATGLALSSLRLRNVSWATGRSWLAELQQWLKPKLVLSIAQAHSPAFSCEQVRAFPALTSLDLSDNPGLGERGLMAALCPHKFPAIQNLALRNTGMETPTGVCALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLNSFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPDDELPEVDNLTLDGNPFLVPGTALPHEGSMNSGVVPACVDHHH
Source	HEK293 cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized CD14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CD14 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	CD14 was lyophilized from a 0.2 µM filtered solution of 20mM PB and 150mM NaCl, PH 7.4. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized CD14 in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
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**