

Recombinant Human CD14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD14-6224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD14 MS Standard C13 and N15-labeled recombinant protein (NP_001035110) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene 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.
Molecular Mass	40.1 kDa
AA Sequence	MERASCLLLLLPLVHVSATTPEPCELDDEDFRCVCNFSEPQPDWSEAFQCVSAVE VEIHAGGLNLEPFLKRVDADADPRQYADTVKALRVRRITVGAAQVPAQLLVGALRVL AYSRLKELTLEDLKITGTMPPLEATGLALSSLRLRNVSATGRSWLAELQQWLKP GLKVLSIAQAHSPAFCSEQVRAFPALTSLDLSNPGLGERGLMAALCPHKFPAIQNL ALRNTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLNL SFAGLEQVPKGLPAKLRLVLDLSCNRLNRAPQPDELPEVDNLTLGPNPFLVPGTALPH EGSMNSGVVPACARSTLSVGVSGLVLLQGARGFATRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

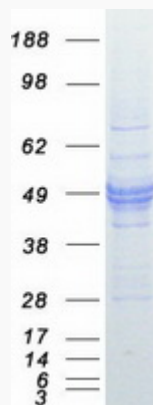
GENE INFORMATION

Gene Name	CD14 CD14 molecule [Homo sapiens (human)]
Official Symbol	CD14
Synonyms	CD14; CD14 molecule; CD14 antigen; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein;
Gene ID	929
mRNA Refseq	NM_001040021
Protein Refseq	NP_001035110
MIM	158120
UniProt ID	P08571

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SDS-PAGE

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