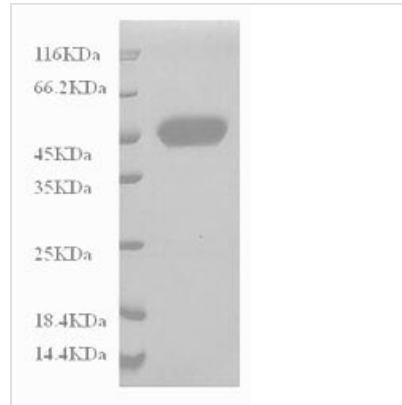




# Recombinant Human Monocyte differentiation antigen CD14 (CD14)

<b>Product Code</b>	CSB-MP004879HU
<b>Relevance</b>	In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the MD-2/TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.
<b>Abbreviation</b>	Recombinant Human CD14 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P08571
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	TTPEPCELDDEDFRCVCFNFSEPPQPDWSEAFQCVSAVEVEIHAGGLNLEPFLK RVDADADPRQYADTVKALRVRLTVGAAQVPAQLLVGALRVLAYSRLKELTLE DLKITGTMPPLEATGLALSSLRLRNVSATGRSWLAELQQWLKPKLVLSI AQAHSFAFSCEQVRAFPALTSLDLSDNPGLGERGLMAALCPHKFPAIQNLALR NTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLN LSFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPDELPEVDNLTLDGNPFLVPG TALPHEGSMN
<b>Research Area</b>	Immunology
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CD14
<b>Expression Region</b>	20-345aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-Myc-tagged
<b>Mol. Weight</b>	39.2kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Shelf Life

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