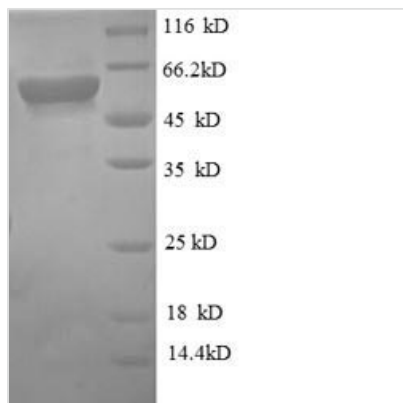




Recombinant Human Monocyte differentiation antigen CD14 (CD14)

Product Code	CSB-EP004879HU
Relevance	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.
Abbreviation	Recombinant Human CD14 protein
Storage	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.
Uniprot No.	P08571
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TTPEPCELDDEDFRCVCNFSEPPQPDWSEAFQCVSAVEVEIHAGGLNLEPFLK RVDADADPRQYADTVKALRVRLTVGAAQVPAQLLVGALRVLAYSRKELTLE DLKITGTMPPLEATGLALSSLRLRNVSATGRSWLAELQQWLKPKLVLSI AQAHSPAFCSEQVRAFPALTSLDLSNPGGLGERGLMAALCPHKFPAIQNLALR NTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLN LSFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPDELPEVDNLTLDGNPFLVPG TALPHEGSMN
Research Area	Immunology
Source	E.coli
Target Names	CD14
Expression Region	20-345aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	62.2kDa
Protein Length	Full Length of Mature Protein
Image	



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

Description

Discover the exceptional quality of our Recombinant Human CD14 protein, designed to support your immunology research requirements. Expressed in *E. coli*, this full length mature protein (20-345aa) is equipped with an N-terminal GST-tag for seamless purification and detection. With a purity greater than 90% as determined by SDS-PAGE, our CD14 protein guarantees reliable and consistent outcomes.

Explore the intricacies of monocyte differentiation antigens and their roles in immune responses using our premium recombinant protein. Available in both liquid and lyophilized powder forms, our Recombinant Human CD14 protein is a valuable addition to your immunology research arsenal.

Shelf Life

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.