

32-18171: Recombinant Human CD14(20-352) Protein, His Tag

Uniprot ID : P08571
Alternative Name : CD14 Molecule?Myeloid Cell-Specific Leucine-Rich Glycoprotein?CD14 Antigen?Monocyte Differentiation Antigen CD14

Description

Molecular Characterization: CD14(Thr20-Cys352) 7 \AA —His tag

Molecular weight: The protein has a predicted molecular mass of 36.7 kDa after removal of the signal peptide. The apparent molecular mass of CD14(20-352)-7xHis is approximately 35-55 kDa due to glycosylation.

Description: Recombinant Human CD14(20-352) Protein with C-terminal 7 \AA —His tag

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, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein.

Product Info

Amount : 100 μg / 50 μg
Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.