

HUMAN CD14(20-352) PROTEIN, HIS TAG

货号: 11889

产品全名: 人 CD14(20-352) 蛋白

规格: 10/50/100 µg

基因符号 CD14 Molecule;yeloid Cell-Specific Leucine-Rich Glycoprotein;D14 Antigen;monocyte Differentiation Antigen CD14

目标蛋白: CD14

UNIPROT ID: P08571

描述: Recombinant Human CD14(20-352) Protein with C-terminal 7xHis tag

背景: 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. [provided by RefSeq, Aug 2020]

物种/宿主: HEK293

分子量: 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.

分子特征: CD14(Thr20-Cys352) 7×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

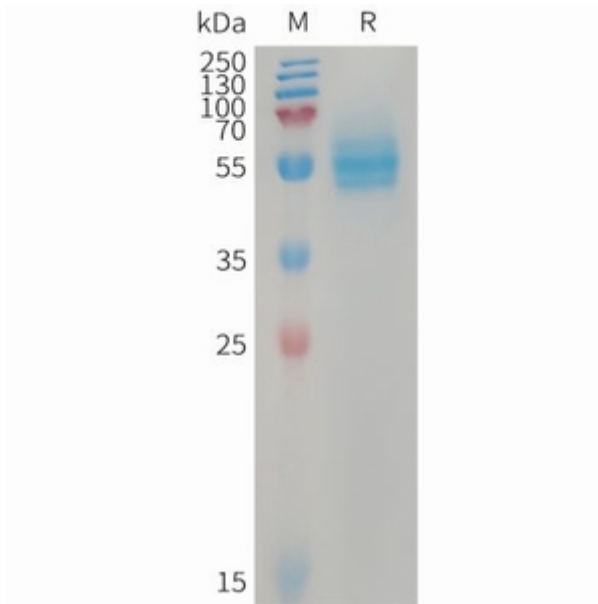


Figure 1. Human CD14(20-352) Protein, His Tag on SDS-PAGE under reducing condition.