

HUMAN CD200 PROTEIN, HIS TAG

货号: 11278

产品全名: 人 CD200 蛋白

规格: 10/50/100 µg

基因符号 CD200;OX1;OX2;RC;X-2;y033

目标蛋白: CD200

UNIPROT ID: P41217

描述: Recombinant human CD200 protein with C-terminal 6xHis tag

背景: This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 23.3 kDa after removal of the signal peptide.

分子特征: CD200(Gln31-Gly232) 6xHis tag

纯化: The purity of the protein is greater than 95% 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.

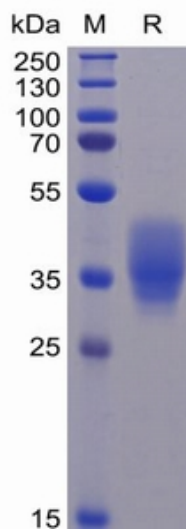


Figure 1. Human CD200 Protein, His Tag on SDS-PAGE under reducing condition.

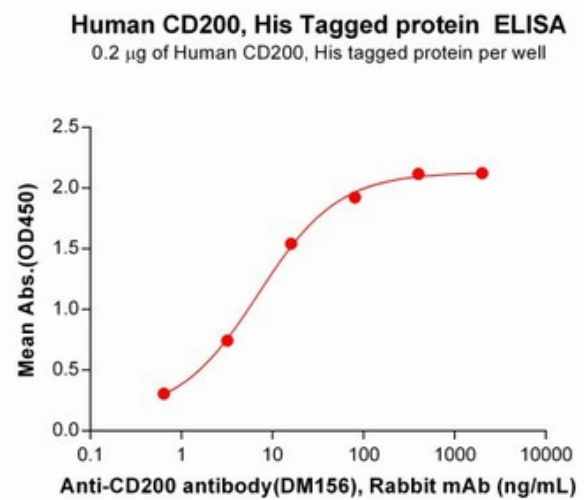


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD200 Protein, His Tag (11278) can bind Anti-CD200 antibody(DM156), Rabbit mAb in a linear range of 0.64-3.20 ng/mL.