

HUMAN CD68 PROTEIN, HIS TAG

目录: 11397

产品名称: Human CD68 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GPI10;LAMP4;SCARD1

Target: CD68

UNIPROT ID: P34810

描述: Recombinant human CD68 protein with C-terminal 6xHis tag

背景: This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 32.4 kDa after removal of the signal peptide. The apparent molecular mass of CD68-His is approximately 55-130 kDa due to glycosylation.

Molecular Characterization: CD68(Asn22-Ser319) 6×His 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.

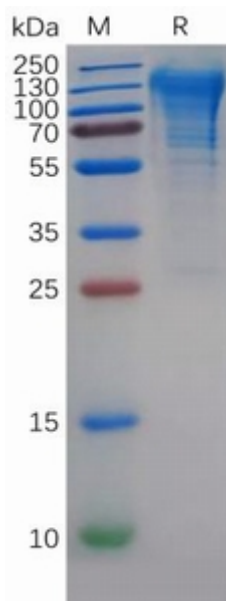


Figure 1. Human CD68 Protein, His Tag on SDS-PAGE under reducing condition.