HUMAN CD44 PROTEIN

货号: 12285
产品全名: 人 CD44 蛋白
规格: 10/50/100 μg
基因符号 CD44;DW44;SPG8;CMR-III;CELL;UTCH-I;N;HR;C56;DU2;DU3;IC4;gp1;pican
目标蛋白: CD44
UNIPROT ID: P16070
描述: Recombinant Human CD44 Protein with C-terminal 6xHis tag
背景: The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.
物种/宿主: HEK293
分子量: The protein has a predicted molecular mass of 22.9 kDa after removal of the signal peptide.The apparent molecular mass of CD44-His is approximately 35-55 kDa due to glycosylation.
分子特征: CD44(Gln21-Pro220) 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.

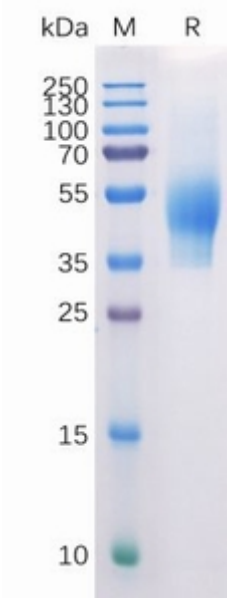

Figure 1. Human CD44 Protein, His Tag on SDS-PAGE under reducing condition.