

HUMAN IL12RB1 PROTEIN, HIS TAG

货号: 11652

产品全名: 人 IL12RB1 蛋白

规格: 10/50/100 µg

基因符号 CD212;IL-12R-BETA1;IL12RB;IMD30

目标蛋白: IL12RB1

UNIPROT ID: P42701

描述: Recombinant Human IL12RB1 Protein with C-terminal 6xHis tag

背景: The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. Mutations in this gene impair the development of interleukin-17-producing T lymphocytes and result in increased susceptibility to mycobacterial and Salmonella infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 57.9 kDa after removal of the signal peptide. The apparent molecular mass of IL12RB1-His is approximately 70-100 kDa due to glycosylation.

分子特征: IL12RB1(Cys24-Glu540) 6×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.

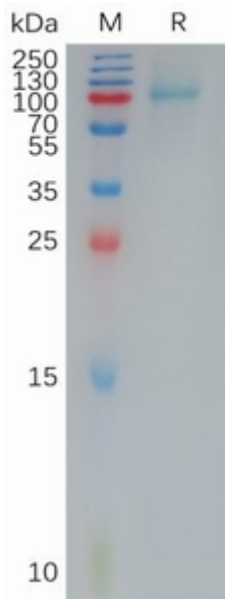


Figure 1. Human IL12RB1 Protein, His Tag on SDS-PAGE under reducing condition.