

HUMAN IL21 PROTEIN, HIS TAG

货号: 11356

产品全名: 人 IL21 蛋白

规格: 10/50/100 µg

基因符号 IL21;il1;nterleukin-21

目标蛋白: IL21

UNIPROT ID: Q9HBE4

描述: Recombinant Human IL21 with C-terminal 6xHis tag

背景: This gene encodes a member of the common-gamma chain family of cytokines with immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune responses by inducing the differentiation, proliferation and activity of multiple target cells including macrophages, natural killer cells, B cells and cytotoxic T cells. Dysregulation of this gene plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 16.3 kDa after removal of the signal peptide. The apparent molecular mass of IL21-His is approximately 15-25 kDa due to glycosylation.

分子特征: IL21(Gln30-Ser162) 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 IL21 Protein, His Tag on SDS-PAGE under reducing condition.