

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CYNOMOLGUS BTN3A1 PROTEIN, HIS TAG

货号: 12117 产品全名: Cynomolgus BTN3A1 蛋白 规格: 10/50/100 μg 基因符号 Butyrophilin 蛋白 目标蛋白: BTN3A1

UNIPROT ID: A0A330KVC6

描述: Recombinant Cynomolgus BTN3A1 protein with C-terminal 6xHis tag

背景: Butyrophilin subfamily 3 member A1 (BTN3A1) is also known as CD277 and BTF5, which belongs to the immunoglobulin superfamily and contains one B30.2/SPRY domain and two Ig-like V-type (immunoglobulinlike) domains. BTN3A1 plays a role in T-cell activation and in the adaptive immune response. Also, BTN3A1 regulates the proliferation of activated Tcells and the release of cytokines and IFNG by activated T-cells. Furthermore, BTN3A1 mediates the response of T-cells toward infected and transformed cells that are characterized by high levels of phosphorylated metabolites, such as isopentenyl pyrophosphate.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 24.3 kDa after removal of the signal peptide. The apparent molecular mass of cBTN3A1-His is approximately 25-35 kDa due to glycosylation.

分子特征: BTN3A1(GIn1-Ser218) 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.



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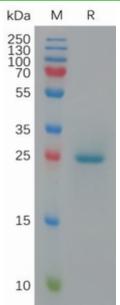


Figure 1. Cynomolgus BTN3A1 Protein, His Tag on SDS-PAGE under reducing condition.