

HUMAN TIM3 PROTEIN, MFC-HIS TAG

货号: 11158

产品全名: 人 TIM3 蛋白

规格: 10/50/100 μ g

基因符号 HAVCR2;TIM3;TIMD3;FLJ14428;KIM3

目标蛋白: TIM3

UNIPROT ID: Q8TDQ0

描述: Recombinant human TIM3 protein with C-terminal mouse Fc and 6xHis tag

背景: The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 47.5 kDa after removal of the signal peptide.

分子特征: TIM3(Ser22-Gly202) mFc(Pro99-Lys330) 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.

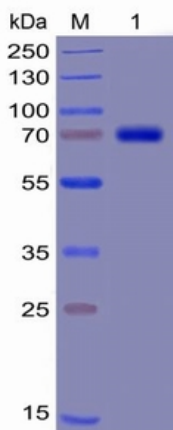


Figure 1. Human TIM3 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human TIM3, mFc-His Tagged protein ELISA

0.2 μ g of Human TIM3, mFc-His Tagged protein per well

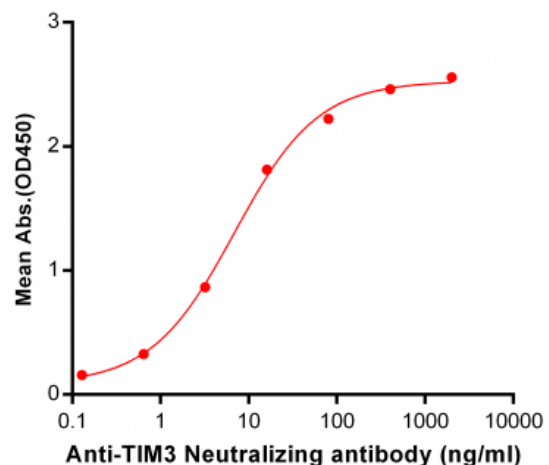


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human TIM3, mFc-His tagged protein (11158) can bind Anti-TIM3 Neutralizing antibody 28017 in a linear range of 0.64-80 ng/ml.



Product Description

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