

HUMAN 2B4 PROTEIN, MFC-HIS TAG

货号: 11138

产品全名: 人 2B4 蛋白

规格: 10/50/100 μ g

基因符号 CD244;2B4;SLAMF4;NKR2B4;NAIL;h2B4

目标蛋白: 2B4

UNIPROT ID: Q9BZW8

描述: Recombinant human 2B4 protein with C-terminal mouse Fc and 6xHis tag

背景: This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 48.8 kDa after removal of the signal peptide. The apparent molecular mass of 2B4-mFc-His is approximately 70-100 kDa due to glycosylation.

分子特征: 2B4(Cys22-Ala221) mFc(Pro99-Lys330) 6 \times His

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.

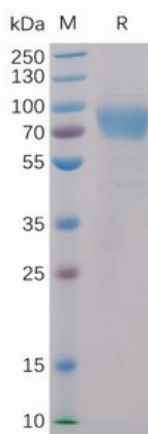


Figure 1. Human 2B4, mFc-His Tag on SDS-PAGE under reducing condition.

Human 2B4, mFc-His Tagged protein ELISA

0.2 μ g of CD48, hFc Tagged protein per well

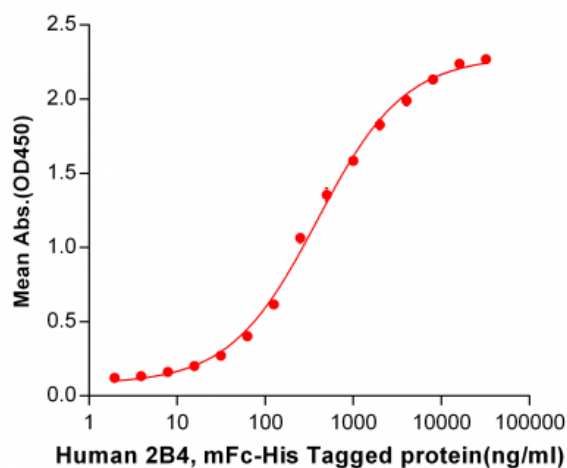


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human 2B4, mFc-His tagged protein (11138) can bind Human CD48, hFc tagged protein 11286 in a linear range of 31.25–4000 ng/ml.