

## HUMAN CD48 PROTEIN, MFC-HIS TAG

货号: 11144

产品全名: 人 CD48 蛋白

规格: 10/50/100 µg

基因符号 CD48;BCM1;SLAMF2;BLAST;BLAST1;MEM-102;TCT.1;BCM-1;SLAMF-2;BLAST-1

目标蛋白: CD48

**UNIPROT ID:** P09326

**描述:** Recombinant human CD48 protein with C-terminal mouse Fc and 6xHis

**背景:** This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple 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 69–72 kDa after removal of the signal peptide.

**分子特征:** CD48(Gln27–Ser220) mFc(Pro99–Lys330) 6×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 CD48 Protein, mFc-His Tag on SDS–PAGE under reducing condition.

### Human CD48, mFc-His Tagged protein ELISA

0.2 µg of 2B4, hFc Tagged protein per well

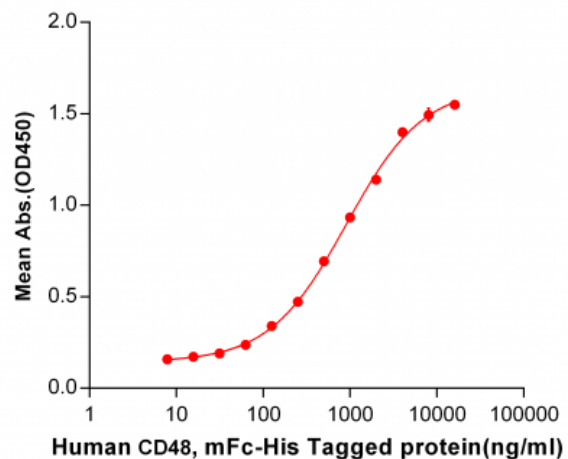


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD48, mFc-His tagged protein (11144) can bind Human 2B4, hFc tagged protein 11287 in a linear range of 62.5–4000 ng/ml.



# Product Description

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