

Datasheet for ABIN6961083
2B4 Protein (mFc-His Tag)

2 Images

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Overview

Quantity:	100 µg
Target:	2B4 (CD244)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This 2B4 protein is labelled with mFc-His Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human 2B4 protein with C-terminal mouse Fc and 6xHis tag
Specificity:	2B4 (Cys22-Ala221) mFc (Pro99-Lys330) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	2B4 (CD244)
Alternative Name:	2B4 (CD244 Products)
Background:	Synonymes: CD244, 2B4, SLAMF4, NKR2B4, NAIL, h2B4

Target Details

Description: 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.

Molecular Weight: predicted molecular mass of 48.8 kDa after removal of the signal peptide. The apparent molecular mass of 2B4-mFc-His is 70-100 kDa due to glycosylation.

Gene ID: 51744

UniProt: [Q9BZW8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

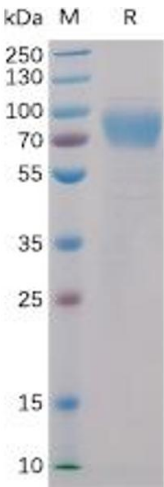
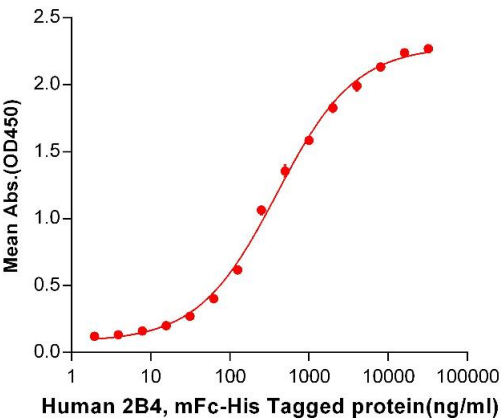
Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months

Human 2B4, mFc-His Tagged protein ELISA

0.2 µg of CD48, hFc Tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human 2B4, mFc-His tagged protein (ABIN6961083) can bind Human CD48, hFc tagged protein (ABIN6961161) in a linear range of 31.25-4000 ng/mL.

SDS-PAGE

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