

Datasheet for ABIN6961101

CD96 Protein (CD96) (mFc-His Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD96
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD96 protein is labelled with mFc-His Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human CD96 protein with C-terminal mouse Fc and 6xHis tag
Specificity:	CD96 (Val22-Asn503) mFc (Pro99-Lys330) 6xHis tag
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:	CD96
Alternative Name:	CD96 (CD96 Products)
Background:	Synonyms: TACTILE

Target Details

Description: The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct isoforms.

Molecular Weight: predicted molecular mass of 78.9 kDa after removal of the signal peptide. The apparent molecular mass of CD96-mFc-His is 130-180 kDa due to glycosylation.

Gene ID: 10225

UniProt: [P40200](#)

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.

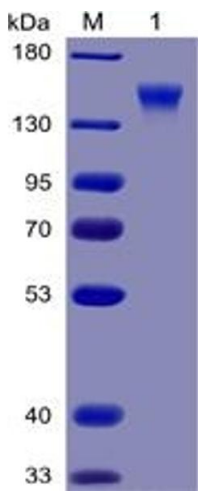
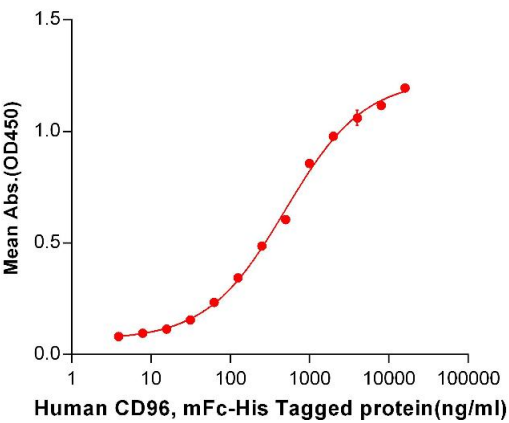
Preservative: Without preservative

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 CD96, mFc-His Tagged protein ELISA
0.2 µg of CD155, hFc Tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD96, mFc-His tagged protein (ABIN6961101) can bind Human CD155, hFc tagged protein (ABIN6961168) in a linear range of 62.5-4000 ng/mL.

SDS-PAGE

Image 2. Human CD96 Protein, mFc-His Tag on SDS-PAGE under reducing condition.