

**PRODUCT INFORMATION**

<b>Target</b>	CD96
<b>Synonyms</b>	TACTILE
<b>Description</b>	Recombinant human CD96 protein with C-terminal mouse Fc and 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P40200
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Mouse Fc and 6×His Tag
<b>Molecular Characterization</b>	CD96(Val22-Asn487) mFc(Pro99-Lys330) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 78.9 kDa after removal of the signal peptide. The apparent molecular mass of CD96-mFc-His is approximately 130-180 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



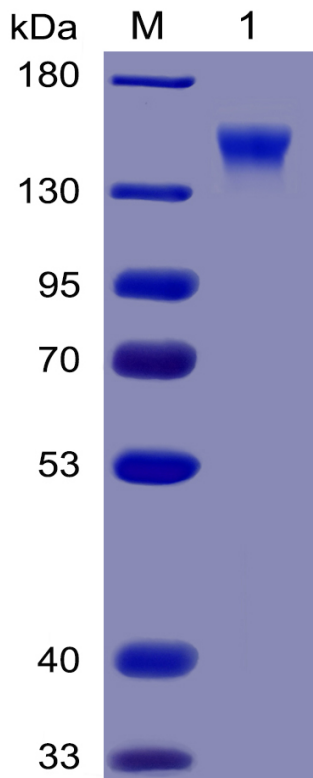


Figure 1. Human CD96 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

### Human CD96, mFc-His Tagged protein ELISA

0.2  $\mu$ g of CD155, hFc Tagged protein per well

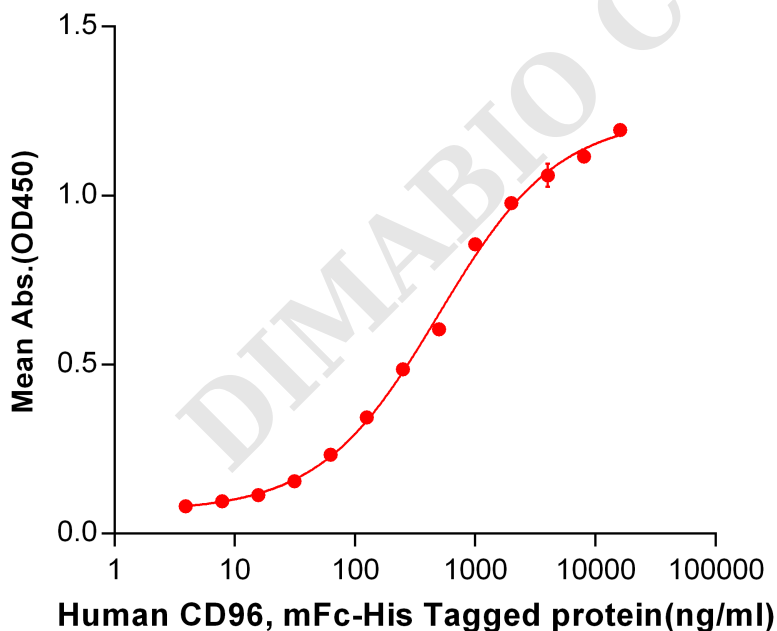


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human CD96, mFc-His tagged protein (PME100028) can bind Human CD155, hFc tagged protein PME100485 in a linear range of 62.5-4000 ng/ml.

