HUMAN CD96 PROTEIN, MFC-HIS TAG

Cat.#: 11156
Product Name: Human CD96 Protein
Size : 10 µg, 50 µg and 100 µg
Synonyms: TACTILE
Target: CD96
UNIPROT ID: P40200
Description: Recombinant human CD96 protein with C-terminal mouse Fc and 6xHis tag
Background: 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.
Species/Host: HEK293
Molecular Weight: 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.
Molecular Characterization: CD96(Val22-Asn503) mFc(Pro99-Lys330) 6×His tag
Purity: 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.
Storage & Shipping: 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.

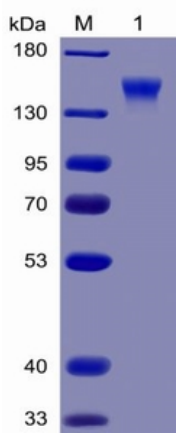

Figure 1. Human CD96 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

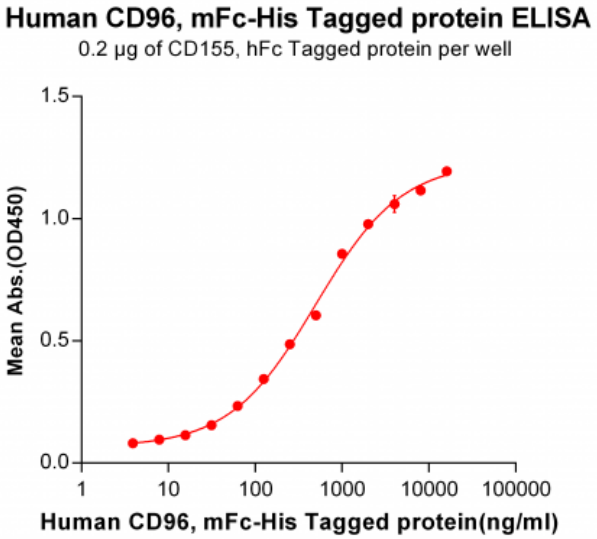

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD96, mFc-His tagged protein (11156) can bind Human CD155, hFc tagged protein 11293 in a linear range of 62.5-4000 ng/ml.

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