

PRODUCT INFORMATION

Target FZD10

CD350;FZ-10;Fz10;FzE7;hFz10 **Synonyms**

Recombinant Human FZD10 with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q9ULW2 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Molecular Weight

Storage & Shipping

Background

Usage

Purity

FZD10(Ile21-Gly161) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

42.2 kDa after removal of the signal peptide. The apparent molecular mass of FZD10-hFc is

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

This gene is a member of the frizzled gene family. Members of this family encode 7-transmembrane

domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. Using array analysis, expression of this

intronless gene is significantly up-regulated in two cases of primary colon cancer. [provided by RefSeq, Jul 2008]

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Research use only

Conjugate Unconjugated

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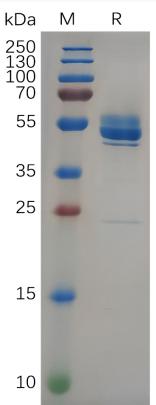


Figure 1. Human FZD10 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human FZD10, hFc Tagged protein ELISA

0.2 μg of Human FZD10, hFc tagged protein per well

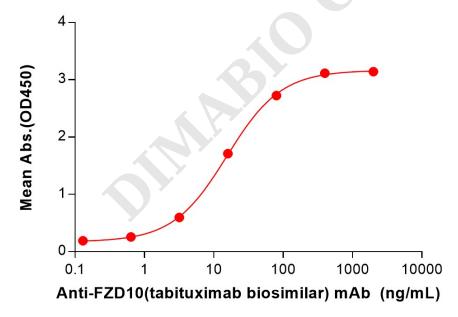


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human FZD10 Protein, hFc Tag (PME100650) can bind Anti-FZD10(tabituximab biosimilar) mAb (BME100185) in a linear range of 3.20–80 ng/mL.

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