

**PRODUCT INFORMATION**

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|---|--|
| <b>Target</b>                           | FZD10  |
| <b>Synonyms</b>                         | CD350;FZ-10;Fz10;FzE7;hFz10  |
| <b>Description</b>                      | Recombinant Human FZD10 with C-terminal human Fc tag   |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | Q9ULW2   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-Human Fc Tag   |
| <b>Molecular Characterization</b>       | FZD10(Ile21-Gly161) hFc(Glu99-Ala330)  |
| <b>Molecular Weight</b>                 | 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.  |
| <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>                       | 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] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



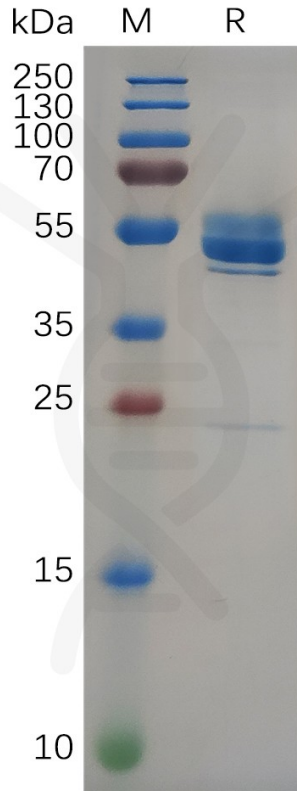


Figure 1. Human FZD10 Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human FZD10, hFc Tagged protein ELISA

0.2  $\mu$ g of Human FZD10, hFc tagged protein per well

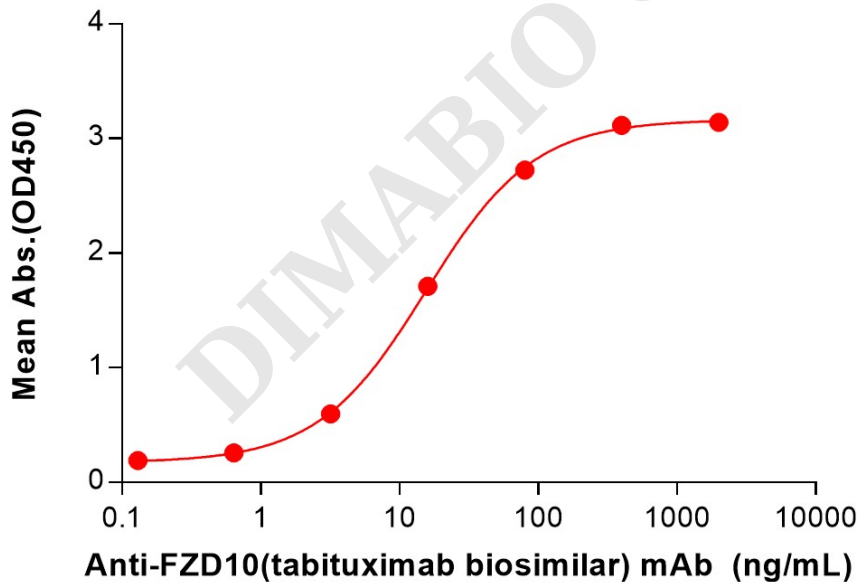


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human FZD10 Protein, hFc Tag (PME100650) can bind Anti-FZD10(tabituximab biosimilar) mAb (BME100185) in a linear range of 3.20-80 ng/mL.

