

HUMAN FZD10 PROTEIN, HFC TAG

Cat.#: 11446

Product Name: Human FZD10 Protein

Size: 10 µg, 50 µg and 100 µg

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

Target: FZD10

UNIPROT ID: Q9ULW2

Description: Recombinant Human FZD10 with C-terminal human Fc tag

Background: 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]

Species/Host: HEK293

Molecular Weight: 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.

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

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.

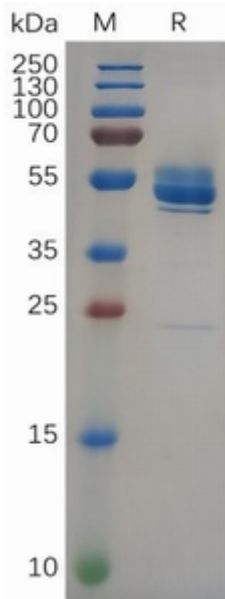


Figure 1. Human FZD10 Protein, hFc Tag on SDS-PAGE under reducing condition.