

PRODUCT INFORMATION

FZD7 **Target Synonyms** FzE3

Recombinant Human FZD7 Protein with N-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** 075084 **Expression Host HEK293**

Tag N-Human Fc Tag

Molecular

Background

hFc(Glu99-Ala330) FZD7(Gln33-Arg254) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

50.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-FZD7 is

approximately 55-70 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Fz family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-

binding motif. FZD7 gene expression may downregulate APC function and enhance betacatenin-mediated signals in poorly differentiated

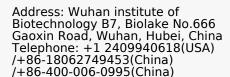
human esophageal carcinomas. [provided by

RefSeq, Jul 2008]

Usage Research use only

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com







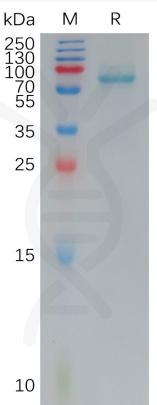


Figure 1. Human FZD7 Protein, hFc Tag on SDS-PAGE under reducing condition.

