

32-18116: Recombinant Human FZD7 Protein, hFc Tag**Uniprot ID :** O75084**Alternative Name :** FzE3**Description**

Molecular Characterization: hFc?Glu99-Ala330?+FZD7?Gln33-Arg254?

Molecular Weight: The protein has a predicted molecular mass of 50.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-FZD7 is approximately 55-70 kDa due to glycosylation.

Description: Recombinant Human FZD7 Protein with N-terminal human Fc tag

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 beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas. [provided by RefSeq, Jul 2008]

Product Info**Amount :** 100 µg / 50 µg**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.**Storage condition :** 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.