

## 32-8728: Recombinant Mouse Frizzled 1/FZD1 (C-Fc)

**Gene :** Fzd1  
**Gene ID :** 14362  
**Uniprot ID :** O70421

### Description

Source: Human Cells.  
MW :46.8kD.

Recombinant Mouse Frizzled 1 is produced by our Mammalian expression system and the target gene encoding Val69-His248 is expressed with a Fc tag at the C-terminus. Frizzled homolog 1 (FZD1), also known as Frizzled-1, a member of the G-protein-coupled receptor superfamily, mediates Wnt signaling by serving as a co-receptor with LRP-5 for Wnt ligands. The FZD1 protein contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, 7 transmembrane domains, and a C-terminal PDZ domain-binding motif.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** VRAQAAGQVSGPGQQAPPPQPQQSGQQYNGERGISIPDHGYCQPISIPLCTDIAYNQTIMPNLLGHTNQEDA  
GLEVHQFYPLVKVQCSAELKFFLCSMYAPVCTVLEQALPPCRSLCERARQGCEALMNKFGFQWPDTLKCEKFP  
VHGAGELCVGQNTSDKGTPTPSELLPEFWTSNPQHVDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPP  
KPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK  
EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYK  
TTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSVSMHEALHNHYTQKSLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.