

## 32-8679: Recombinant Mouse Frizzled 2/FZD2 (C-Fc)

**Gene :** Fzd2  
**Gene ID :** 57265  
**Uniprot ID :** Q9JIP6

### Description

Source: Human Cells.  
MW :42.9kD.

Recombinant Mouse Frizzled 2 is produced by our Mammalian expression system and the target gene encoding Gln29-Leu168 is expressed with a Fc tag at the C-terminus. Wnt signaling plays a critical role in embryonic development, and genetic aberrations. Frizzled2 (Fzd2) is a receptor for wiggless-type MMTV integration site family members (Wnts), the aberrant overexpression of which has been noted to contribute to cancer metastasis. Frizzled2 (Fzd2) and its ligands Wnt5a/b are elevated in metastatic liver, lung, colon, and breast cancer cell lines and in high-grade tumors and that their expression correlates with markers of epithelial-mesenchymal transition (EMT). It is also shown that Frizzled-2 expression is greater in embryonic than adult tissues, with heart, brain, lung, kidney and gut showing the highest levels.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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 :** QFHGEKGISIPDHGFCQPISIPDLCTDIAYNQTIMPNLLGHTNQEDAGLEVHQFYPLVKVQCSPFLRFFLCSMYAPVCTVLEQAIPPCRSICERARQGCEALMNKFGFQWPERLRCEHFPRHGAEQICVGNHSEDGAPALVDDIEGRMD EPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQV SLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHY TQKSLSLSPGK

### Application Note

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