

## Product datasheet for **TP727406**

### Fzd2 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Frizzled 2/FZD2 (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln29-Leu168
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse frizzled (Drosophila) homolog 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.
Stability:	12 months from date of despatch
Locus ID:	57265
UniProt ID:	<a href="#">Q9JIP6</a>
Summary:	Wnt signaling plays a critical role in embryonic development, and genetic aberrations. Frizzled2 (Fzd2) is a receptor for wingless-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.



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