

## Recombinant Mouse Fzd10 protein(Met1-Gly162), His-tagged

**Cat. No.** Fzd10-4043M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse FZD10 (NP_780493.1) (Met 1-Gly 162) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-162 a.a.                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                      |
| <b>Molecular Mass</b>   | The secreted recombinant mouse FZD10 comprises 152 amino acids and has a predicted molecular mass of 17.4 kDa. As a result of glycosylation, the apparent molecular mass of rm FZD10 is approximately 23 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                      |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                    |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.     |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| Gene Name       | Fzd10 frizzled homolog 10 (Drosophila) [ Mus musculus ]      |
| Official Symbol | Fzd10                                                        |
| Synonyms        | FZD10; frizzled homolog 10 (Drosophila); frizzled-10; Fz-10; |
| Gene ID         | 93897                                                        |
| mRNA Refseq     | NM_175284                                                    |
| Protein Refseq  | NP_780493                                                    |

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