



Recombinant Protein Technical Manual

Recombinant Mouse Frizzled 1/FZD1 Protein (Fc Tag)
RPES0829

Product Data:

Product SKU: RPES0829

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: O70421

Protein Information:

Molecular Mass: 46.8 kDa

AP Molecular Mass: 35-40 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Frizzled; Fz; mFz1; Fzd1; Frizzled homolog 1

Immunogen Information:

Sequence: Val69-His248

Background:

Frizzled homolog 1 (FZD1), also known as Frizzled, 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.