

Product Name: Recombinant Mouse FZD2 (C-Fc)
Catalog #: PHM0686

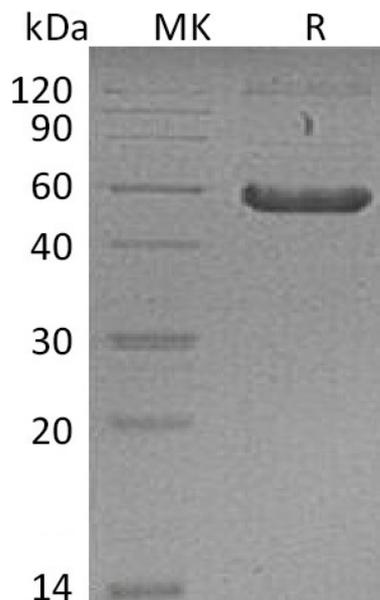


Summary

Name	Frizzled-2/FZD2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Frizzled (Drosophila) Homolog 2 is produced by our Mammalian expression system and the target gene encoding Gln29-Leu168 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q9JIP6
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	42.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, 8% Trehalose, 0.02% tween 80, pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Frizzled-2; Fz-2; mFz2; Fzd2;frizzled (Drosophila) homolog 2

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.