

## Recombinant Mouse Frizzled 1 Protein

Catalog #	Source	Reactivity	Applications
CRP2967	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse Frizzled 1 Protein is produced by mammalian expression system and the target gene encoding Val69-His248 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	FZD1		
<b>Alternative Names</b>	Frizzled-1; Fz-1; hFz1; FzE1		
<b>Entrez Gene</b>	14362 (Mouse)		
<b>SwissProt</b>	O70421 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>VRAQAAGQVS GPGQQAPPPP QPQQSGQQYN GERGISIPDH GYCQPISIPL CTDIAYNQTI            MPNLLGHTNQ EDAGLEVHQF YPLVKVQCSA ELKFFLCSMY APVCTVLEQA LPPCRSLCER            ARQGCEALMN KFGFQWPDTL KCEKFPVHGA GELCVGQNTS DKGTPTPSLL            PEFWTSNPQH VDDIEGRMDE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT            PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL            TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT            CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGDGFFL YSKLTVDKSR WQQGNVFSCS            VMHEALHNHY TQKSLSLSPG K</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	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 ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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.

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