

## Recombinant Mouse Frizzled 2 Protein

Catalog #	Source	Reactivity	Applications
CRP2968	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse Frizzled 2 Protein is produced by mammalian expression system and the target gene encoding Gln29-Leu168 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>	FZD2		
<b>Alternative Names</b>	Frizzled-2; Fz-2; hFz2; FzE2		
<b>Entrez Gene</b>	57265 (Mouse)		
<b>SwissProt</b>	Q9JIP6 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>QFHGKEGISI PDHGFCQPIS IPLCTDIAYN QTIMPNNLLGH TNQEDAGLEV HQFYPLVKVQ            CSPELRFFLC SMYAPVCTVL EQAIPPCRSI CERARQGCEA LMNKFGFQWP ERLRCEHFPR            HGAEQICVGQ NHSEDGAPAL VDDIEGRMDE PKSCDKTHTC PPCAPELLG GPSVFLFPPK            PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL            TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT            CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGDGSFFL YSKLTVDKSR WQQGNVFCSC            VMHEALHNHY TQKLSLSLSPG 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 freeze-thaw cycles.		

**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

## 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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