

## Recombinant Human WIF1 Protein

Catalog #	Source	Reactivity	Applications
CRP2540	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human WIF1 Protein is produced by our Mammalian expression system and the target gene encoding Gly29-Trp379 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 $\mu$ M filtered solution of 10mM HAc-NaAc, 150mM NaCl, 0.5% CHAPS, pH 4.0.		
<b>Gene Symbol</b>	WIF1		
<b>Alternative Names</b>	Wnt inhibitory factor 1; WIF-1		
<b>Entrez Gene</b>	11197 (Human)		
<b>SwissProt</b>	Q9Y5W5 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>GPPQEESLYL WIDAHQARVL IGFEEDILIV SEGKMAPFTH DFRKAQQRMP AIPVNIHSMN            FTWQAAGQAE YFYEFSLRS LDKGIMADPT VNVPLLGTVP HKASVVQVGF PCLGKQDGVA            AFEVDVIVMN SEGNTILKTP QNAIFFKTCQ QAECPPGGCRN GGFCNERRIC ECPDGFHGH            CEKALCTPRC MNGGLCVTPG FCICPPGFYG VNCDKANCST TCFNGGTCFY PGKICPPGL            EGEQCEISKC PQPCRNGGKC IGKSKCKCSK GYQGDLC SKP VCEPGCGAHG TCHEPNKCQC            QEGWHGRHCN KRYEASLIHA LRPAGAQLRQ HTPSLKKAEE RRDPPESNYI WVDHHHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) 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 $\mu$ g/ml. Dissolve the lyophilized protein in 1X PBS. 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  $-20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $2-8^{\circ}\text{C}$  for 2-7 days. Aliquots of reconstituted samples are stable at  $-20^{\circ}\text{C}$  for 3 months.

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