

WNT Inhibitory Factor 1 Human Recombinant

Item Number	rAP-4424
Synonyms	WIF1, WIF-1, Wnt inhibitory factor 1.
Description	WIF1 produced in Hi-5 cells is a single, glycosylated polypeptide chain containing 369 amino acids (29-379 a.a.) and having a molecular mass of 40.5 kDa, (48kDa on SDS-PAGE). WIF1 is fused to 16 amino acid His Tag at C-Terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y5W5
Amino Acid Sequence	ADLGPPQEES LYLWIDAHQA RVLIGFEEDI LIVSEGKMAP FTHDFRKAQQ RMPAIPVNIH SMNFT-WQAAG QAEYFYEFLS LRSLDKGIMA DPTVNVPLLG TVPHKASVVQ VGFPCLGKQD GVAAFEVDVI VMNSEGNTIL KTPQNAIFFK TCQQAECPPG CRNGGFCNER RICECPDGFH GPHCEKALCT PRCMNG-GLCV TPGFCICPPG FYGVNCDKAN CSTTCFNGGT CFYPGKCICP PGLEGEQCEI SKCPQPCRNG GKCIGKSKCK CSKGYQGDLC SKPVCEPGCG AHGTCHEPNK CQCQEGWHGR HCNKRYEASL IHALRPAGA QLRQHTPSLKK AEERRDPPES NYIWSGRLVP RGSHHHHHH.
Source	Hi-5 Cells.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The WIF1 protein solution contains 1X PBS pH 7.4, 10% glycerol and 1mM PMSF. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**