

Recombinant Human WIF1 protein, His-tagged

Cat. No. WIF1-30862TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WIF1(29-379aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	29-379 a.a.
Description	Wnt inhibitory factor 1, also known as Wif-1, is a secreted protein that binds to Wnt proteins involved in the embryonic development and cancer, and inhibits their activity. Wif-1 protein contains a WNT inhibitory factor (WIF) domain and 5 epidermal growth factor (EGF)-like domains. It may be involved in mesoderm segmentation. This protein is found to be present in fish, amphibia and mammals.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol, 0.1mM PMSF, 1mM DTT
Molecular Mass	39.5 kDa (360 aa) 40-57 KDa (SDS-PAGE under reducing conditions)
AA Sequence	ADLGPPQEES LYLWIDAHQA RVLIGFEEDI LIVSEGKMAP FTHDFRKAQQ RMPAIPVNIH SMNFTWQAAG QAEYFYEFLLS LRSLDKGIMA DPTVNVPLLGTVPFKASVVQ VGFPCLGKQD GVAAFEVDVI VMNSEGNTIL QTPQNAIFFK TCQQAECPPG CRNGGFCNER RICECPDGFH GPHCEKALCT PRCMNGGLCVTPGFCICPPG FYGVNCDKAN CSTTCFNGGT CFYPGKCICP

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PGLEGEQCEI SKCPQPCRNG GKCIGKSKCK CSKGYQGDLG SKPVCEPGCG
AHGTCHEPNKCQCQEGWHGR HCNKRYEASL IHALRPAGAQ LRQHTPSLKK
AEERRDPPES NYIWHHHHHH

Endotoxin < 1.0 EU per 1 microgram of protein (determined by LAL method)

Purity > 90% by SDS - PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.20mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name WIF1 WNT inhibitory factor 1 [Homo sapiens]

Official Symbol WIF1

Synonyms WIF1; WNT inhibitory factor 1; wnt inhibitory factor 1; WIF-1;

Gene ID 11197

mRNA Refseq NM_007191

Protein Refseq NP_009122

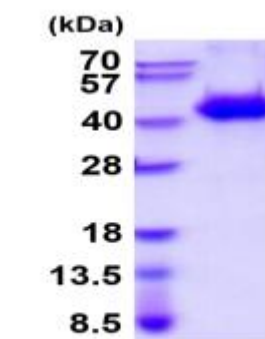
MIM 605186

UniProt ID Q9Y5W5

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15% SDS-PAGE (3μg)

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