

Recombinant Human WIF1 Protein, His-tagged

Cat. No. WIF1-163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WIF1 fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers.
Form	Lyophilized from a 0.2 M filtered solution of 10mM HAc-NaAc, 150mM NaCl, 0.5% CHAPS, pH 4.0
Molecular Mass	39.47kD
AA Sequence	GPPQEEESLYLWIDAHQARVLIGFEEDILIVSEGKMAPFTHDFRKAQQRMPAIPVNIHS MNFTWQAAGQAEYFYEFSLRSLDKGIMADPTVNVPLLGTVP HKASVVQVGFPCLG KQDGVAAFEVDVIVMNSEGNTILKTPQNAIFFKTCQQAECPPGGCRNGGFCNERRIC ECPDGFHGHPCHEKALCTPRCMNGGLCVTPGFCICPPGFYGVNCDKANCSTTTCFNG GTCFYPGKCICPPGLEGEQCEISKCPQPCRNGGKIGKSKCKCSKGYQGDLC SKPV CEPGCGAHGTCHEPNKCQCQEGWHGRHCNKRYEASLIHALRPAGAQLRQH TPSL

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KKAEERRDPPE\$NYIWVDHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration 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 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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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