

Recombinant Human WIF1 Protein, His-tagged

Cat. No. WIF1-578H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WIF1 Protein (Gly29-Trp379) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly29-Trp379
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.7 kDa Accurate Molecular Mass: 44 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	WIF1 WNT inhibitory factor 1 [Homo sapiens (human)]
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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