

Product datasheet for **TP305256L**

WIF1 (NM_007191) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human WNT inhibitory factor 1 (WIF1), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC205256 protein sequence
Red=Cloning site **Green**=Tags(s)

MARRSAFPAAALWLWSILLCLLALRAEAGPPQEESLYLWIDAHQARVLIGFEEDILIVSEGKMAPFTHDF
RKAQQRMPAIPVNIHSMNFTWQAAGQAEYFYEFSLRSLDKGIMADPTVNVPLLGTVPHKASVVQVGFPC
LGKQDGVAAFEVDVIVMNSEGNTILKTPQNAIFFKTCQQAECPPGGCRNGGFCNERRICECPDGFHGP
HCE KALCTPRCMNGGLCVTPGFCICPPGFYGVNCDKANCSTTCFNGGTCFYPGKICPPGLEGEQCEISKCPQ
PCRNGGKICIGKSKCKCSKGYQGDLCSPVCEPGCGAHGTCHPNKCQCQEGWHGRHCNKRYEASLIHALR
PAGAQLRQHTPSLKKAERRDPPESNYIW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 38.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_009122](#)
Locus ID: 11197



[View online »](#)

UniProt ID: [Q9Y5W5](#)

RefSeq Size: 2240

Cytogenetics: 12q14.3

RefSeq ORF: 1137

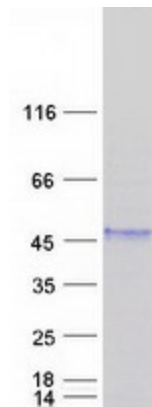
Synonyms: WIF-1

Summary: 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. [provided by RefSeq, Jun 2010]

Protein Families: Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway

Protein Pathways: Wnt signaling pathway

Product images:



Coomassie blue staining of purified WIF1 protein (Cat# [TP305256]). The protein was produced from HEK293T cells transfected with WIF1 cDNA clone (Cat# [RC205256]) using MegaTran 2.0 (Cat# [TT210002]).