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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

WIF1 (Human) Recombinant Protein (P01)

Catalog Number: H00011197-P01

Regulation Status: For research use only (RUO)

Product Description: Human WIF1 full-length ORF (AAH18037, 1 a.a. - 379 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARRSAFPAAALWLWSILLCLLALRAEAGPPQEESLYL
WIDAHQARVLIGFEEDILIVSEGKMAPFTHDFRKAQQR
MPAIPVNIHSMNFTWQAAGQAEYFYEFSLRSLDKGIM
ADPTVNVPLLGTVPHKASVVQVGFPCLGKQDGVAAFE
VDVVMNSEGNTILKTPQNAIFFKTCQQAECPPGCRN
GGFCNERRICECPDGFHGHCEKALCTPRCMNGGLC
VTPGFCICPPGFYGVNCDKANCSTTCFNGGTCTFYPGK
CICPPGLEGEQCEISKCPQPCRNGGKICIGKSKCKCSK
GYQGDLCSKPVCEPGCGAHGTCHEPNKCQCQEGWH
GRHCNKRYEASLIHALRPAGAQLRQHTPSLKKAER
DPPESNYIW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.43

Interspecies Antigen Sequence: Mouse (93); Rat (88)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 11197

Gene Symbol: WIF1

Gene Alias: WIF-1

Gene Summary: WNT proteins are extracellular signaling molecules involved in the control of embryonic development. This gene encodes a secreted protein, which binds WNT proteins and inhibits their activities. This 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. [provided by RefSeq]

References:

1. Wnt inhibitory factor 1 is epigenetically silenced in human osteosarcoma, and targeted disruption accelerates osteosarcomagenesis in mice. Kansara M, Tsang M, Kodjabachian L, Sims NA, Trivett MK, Ehrlich M, Dobrovic A, Slavin J, Choong PF, Simmons PJ, Dawid IB, Thomas DM. J Clin Invest. 2009 Apr;119(4):837-51. doi: 10.1172/JCI37175. Epub 2009 Mar 23.