

## Recombinant Rat Wif1 protein, His & T7-tagged

**Cat. No.** Wif1-1895R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Wif1 aa. (Leu38~Ser247 (Accession # Q6IN38)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu38~Ser247
<b>Description</b>	Human homolog has decreased mRNA expression in some prostate cancers and other cancers; may act as a secreted inhibitor of the Wnt signaling pathway.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.6kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>92%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in ddH<sub>2</sub>O.

**Isoelectric Point**

7.6

## GENE INFORMATION

**Gene Name**

[Wif1 Wnt inhibitory factor 1 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Wif1](#)

**Synonyms**

Wif1; Wnt inhibitory factor 1; WIF-1

**Gene ID**

[114557](#)

**mRNA Refseq**

[NM\\_053738.1](#)

**Protein Refseq**

[NP\\_446190.1](#)

**UniProt ID**

[Q6IN38](#)

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