

Recombinant Rat Wif1 protein, His & T7-tagged

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

SPECIFICATION

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

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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 ddH₂O.

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

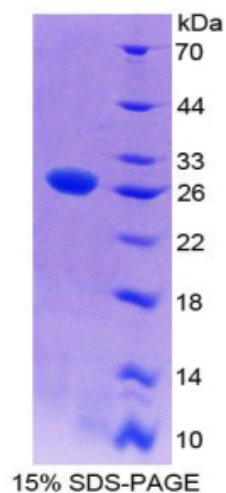
Q6IN38

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SDS-PAGE



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