

## Recombinant Rat F7 protein, His & GST-tagged

Cat. No. F7-1913R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat F7 aa. (Ala42~Lys169) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala42~Lys169
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	45kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.5.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less 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.

**Concentration**

200µg/mL

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

F7 coagulation factor VII [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

F7

**Synonyms**

Dkk3; dickkopf WNT signaling pathway inhibitor 3; C87148; AW061014; dickkopf-related protein 3; dickkopf homolog 3; dickkopf-3; dkk-3; mDkk-3

**Gene ID**

260320

**mRNA Refseq**

NM\_152846.1

**Protein Refseq**

NP\_690059.1

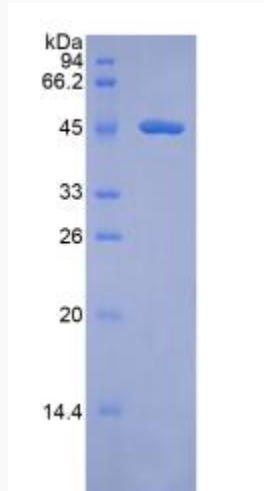
**UniProt ID**

Q8K3U6

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SDS-PAGE

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