

## Recombinant Rat Fn1 protein, His-tagged

Cat. No. Fn1-761R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Fn1 aa. (Ser355~Ile558 (Accession # P04937)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser355~Ile558
<b>Description</b>	Extracellular matrix component; may play a role in fibrosis and tumor metastasis.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	24 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Characteristic</b>	The isoelectric point is 6.3.
<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,

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and no obvious degradation and precipitation were observed. The loss rate 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.

**Storage buffer**

Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4

## GENE INFORMATION

**Gene Name**

Fn1 fibronectin 1 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Fn1

**Synonyms**

Fn1; fibronectin 1; fn-1; FIBNEC; fibronectin; FN; fibronectin 2; fibronectin 3

**Gene ID**

25661

**mRNA Refseq**

NM\_019143.2

**Protein Refseq**

NP\_062016.2

**UniProt ID**

P04937

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