

Recombinant Rat Fn1 protein, His-tagged

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

SPECIFICATION

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

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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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