

Recombinant Rat Fbn1 protein, His-tagged

Cat. No. Fbn1-2628R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fbn1 aa. (Cys751~Pro895 (Accession # Q9WUH8)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Cys751~Pro895
Description	Modulates early organogenesis and vascularization of the rat kidney.
Form	Freeze-dried powder
Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Fbn1 fibrillin 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Fbn1

Synonyms

Fbn1; fibrillin 1; fibrillin-1

Gene ID

83727

mRNA Refseq

NM_031825.1

Protein Refseq

NP_114013.1

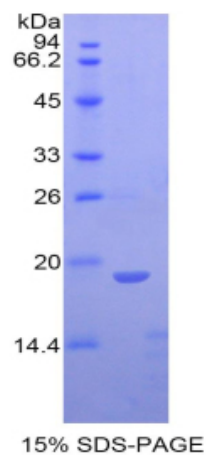
UniProt ID

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SDS-PAGE

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