

Recombinant Rat Notch4 protein, His-tagged

Cat. No. Notch4-127R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Notch4(Thr1690~Leu1945) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr1690~Leu1945
Description	Notch4 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	30.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Notch4 notch 4 [*Rattus norvegicus*]

Official Symbol

Notch4

Synonyms

NOTCH4; notch 4; neurogenic locus notch homolog protein 4;

Gene ID

406162

mRNA Refseq

NM_001002827

Protein Refseq

NP_001002827

**Chromosome
Location**

20p12

Pathway

Delta-Notch Signaling Pathway, organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem;

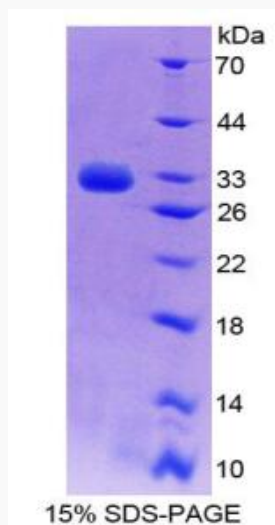
Function

calcium ion binding; receptor activity;

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