

Recombinant Rat Klk11 Protein, His-tagged

Cat. No. Klk11-1717R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Klk11 Protein (Ile51-Arg277) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ile51-Arg277
Description	Predicted to enable serine-type endopeptidase activity. Predicted to be involved in proteolysis. Predicted to be located in extracellular region. Predicted to be active in secretory granule. Orthologous to human KLK11 (kallikrein related peptidase 11).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.8 kDa Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

KLK11 kallikrein related-peptidase 11 [*Rattus norvegicus* (Norway rat)]

Official Symbol

KLK11

Synonyms

KLK11; kallikrein related-peptidase 11; kallikrein-11; kallikrein 11;

Gene ID

292849

mRNA Refseq

NM_001106252

Protein Refseq

NP_001099722

UniProt ID

D3ZZK6

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