

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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