

Recombinant Mouse Klk13 protein, His & T7-tagged

Cat. No. Klk13-8000M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klk13 aa. (Val25~Ala261) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val25~Ala261
Description	Kallikreins are serine proteases encoded by a cluster of highly related genes on chromosome 7. When genomic sequence became available, it was possible to clarify the gene-to-sequence relationship for this family. Until January, 2006, NM_010115 was called kallikrein 13. After that time, NM_001039042 was called Klk13 and NM_010115 was called Klk1b26.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.3.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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

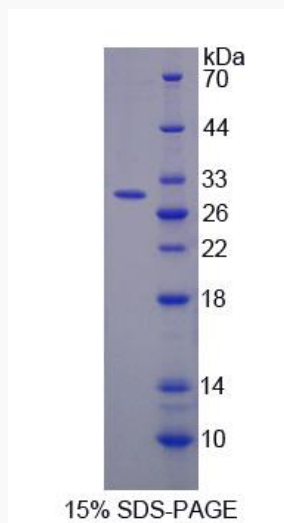
Gene Name	Klk13 kallikrein related-peptidase 13 [Mus musculus (house mouse)]
Official Symbol	Klk13
Synonyms	Klk13; kallikrein related-peptidase 13; mGk-13; Egfbp-2; kallikrein-13; kallikrein 13
Gene ID	626834
mRNA Refseq	NM_001039042.2
Protein Refseq	NP_001034131.2
UniProt ID	Q8CGR6

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SDS-PAGE



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