

Recombinant Mouse Klkb1 Protein, His-tagged

Cat. No. Klkb1-117M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klkb1(His39~Pro261) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His39~Pro261
Description	This gene encodes a member of the kallikrein subfamily of serine proteases that are involved in diverse physiological functions such as skin desquamation, tooth enamel formation, seminal liquefaction, synaptic neural plasticity and brain function. The encoded preproprotein undergoes proteolytic processing to generate a disulfide-linked heterodimeric enzyme comprised of heavy and light chains. A complete deletion of the encoded protein prevents occlusive thrombus formation in mice with a minimal role in provoked bleeding.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.3kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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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 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	KLkb1 kallikrein B, plasma 1 [Mus musculus]
Official Symbol	KLkb1
Synonyms	KLKB1; kallikrein B, plasma 1; plasma kallikrein; kininogenin; fletcher factor; kallikrein 3, plasma; plasma prekallikrein; antigen, prostate specific; APS; PSA; Kal3; Klk3; Kal-3;
Gene ID	16621
mRNA Refseq	NM_008455
Protein Refseq	NP_032481

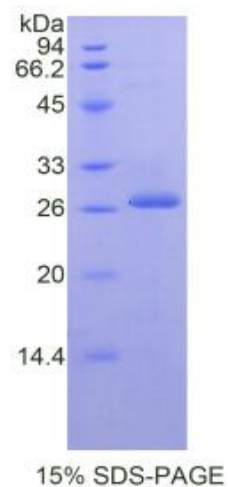
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UniProt ID

P26262



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