Recombinant Mouse Klkb1 Protein, MYC/DDK-tagged

Cat. No. Klkb1-1277M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse kallikrein B, plasma 1 (Klkb1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	71.4 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Klkb1 kallikrein B, plasma 1 [Mus musculus (house mouse)]
Official Symbol	Klkb1
Synonyms	Klkb1; kallikrein B, plasma 1; APS; PSA; Kal3; Klk3; Kal-3; plasma kallikrein; antigen, prostate specific; fletcher factor; kallikrein 3, plasma; kininogenin; plasma prekallikrein; EC 3.4.21.34
Gene ID	16621
mRNA Refseq	NM_008455
Protein Refseq	NP_032481
UniProt ID	P26262

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