Active Recombinant Mouse Klkb1 Protein, His-tagged

Cat. No. Klkb1-606M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klkb1 (Accession # NP_032481) Gly20-Ala638, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gly20-Ala638
Predicted N Terminal	Gly20
Form	Lyophilized from a 0.2 μm filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH2.The specific activity is >300 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Klkb1, His-tagged has a calculated MW of 70 kDa. In SDS-PAGE migrates as 80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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
MIM	

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