

产品名称: Recombinant Mouse Kallikrein 1 (C-6His)
产品货号: PHM1029

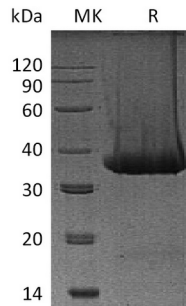


概述 (Summary)

英文全称	Kallikrein 1/mGK-6
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Kallikrein-1 is produced by our Mammalian expression system and the target gene encoding Pro19-Asp261 is expressed with a 6His tag at the C-terminus.
Accession #	P15947
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	27.9 KDa
制剂 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Glandular kallikrein K1; KAL-B; Renal kallikrein; Tissue kallikrein-6; mGK-6

背景介绍 (References)

Kallikreins belongs to the family of trypsin-like serine proteases, many of which are associated with a variety of cancers. Kallikrein 1 (KLK1) is also known as tissue kallikrein and urinary kallikrein. KLK1 is synthesized as a 261 amino acid (aa) protein that contains a 18 aa signal peptide and a 241 aa proprotein. An important physiological function of KLK1 cleaves Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Kinins regulate vasodilation, blood pressure reduction, smooth muscle relaxation and contraction, pain induction and inflammation.

注意事项 (Note)

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