Product Name: Recombinant Mouse Kallikrein 1 (C-6His Enkilife Catalog #: 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

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species)Mouse预测分子量 (Predicted MW)27.9 KDa

蛋白形态 (Form) Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl,

pH 7.5.

储存缓冲液 (Buffer)

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) Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3

months under sterile conditions after opening. Please minimize freeze-thaw

cycles.

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

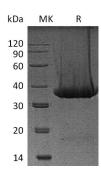
protein in distilled water. Please aliquot the reconstituted solution to minimize

freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Web: https://www.enkilife.com E-mail: order@enkilife.com techsupport@enkilife.com Tel: 0086-27-87002838





背景 (Background)

分子别名 (Alternative Names) 背景介绍 (References)

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