

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Klk8, 29-260aa, Mouse, His-tag, Baculovirus

产品货号: TP02753

第三版

别名:Kallikrein-8, Klk8, BSP1, NP, Nrpn, Prss19, Neuropsin

描述:Klk8, as known as kallikrein-8, is a member of the tissue kallikrein family. This protein is capable of degrading a number of proteins such as casein, fibrinogen, fibronectin and collagen type IV. Also, it cleaves L1CAM in response to increased neural activity and induces neurite outgrowth and fasciculation of cultured hippocampal neurons. It plays a role in the formation and maturation of orphan and small synaptic boutons in the Schaffer-collateral pathway, regulates Schaffer-collateral long-term potentiation in the hippocampus and is required for memory acquisition and synaptic plasticity. Recombinant mouse Klk8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:26.5kDa (240aa) 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

QGSKILEGRECIPIHSPWQAALFQGERLICGGVLVGDWRVLTAAHCKKQKYSVRLGDHSLQSRDQPEQEIQVAQSIQHP
CYNNSNPEDHSHDIMLIRLQNSANLGDVKVPVQLANLCPKVGQKCIISGWGTVTSPQENFPNTLNCAEVKIYSQNK CER
AYPGKITEGMVCAGSSNGADTCQGDSGGPLVCDGMLQGITSWGSDPCGKPEKPGVYTKICRYTTWIKKTMDNRDLEH
HHHHH

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.