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KLK2, 25-261aa, Human, His-tag, Baculovirus

产品货号: TP02747

第三版

别名: Kallikerin-2 isoform1, KLK2, hGK-1, hK2, KLK2A2, Glandular kallikrein 2, Glandular kallikrein-1, hGK 1, hGK-1, hK2, Kallikrein 2 prostatic, Kallikrein related peptidase 2, kallikrein.

描述: KLK2, also known as kallikerin-2 isoform1, is a secreted serine protease that is highly expressed in the human prostate gland. The enzyme is highly specific for cleavage after arginine residues. This protein is able to activate the urokinase-type plasminogen activator. It is inhibited by serpins such as protein C inhibitor, antichymotrypsin and plasminogen activator inhibitor. Recombinant human KLK2, 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: 27.2kDa (246aa), 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

ADPIVGGWECEKHSQPWQVAVYSHGWAHCGGVLVHPQWVLTAAHCLKKNSQVWLGRHNLFEPEDTGQRVPVSHSF
PHPLYNMSLLKHQSLRPDEDSSHDLMLLRLSEPAKITDVVKVLGLPTQEPALGTTTCYASGWGSIPEEFLRPRSLQC VSLHLL
SNDM CARAYSEKVTEFMLCAGLWTGGKDTCCGGDSGGPLVCNGVLQGITSWGPEPCALPEKPAVYTKVVHYRKWIKDTI
AANPHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/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.