

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。

KLK13, 17-277aa, Human, His tag, Insect cell

产品货号: TP02743

第三版

别名:KLK-L4, KLKL4

描述:KLK13, also known as kallikrein-13, belongs to Kallikrein subfamily. Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. KLK13 is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Expression of this gene is regulated by steroid hormones and may be useful as a marker for breast cancer. An additional transcript variant has been identified, but its full length sequence has not been determined. Recombinant human KLK13, 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:29.7kDa (267aa) 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

GGVSEQESSKVLNTNGTSGFLPGGYTCFPHSQPWQAALLVQGRLLCGGVLVHPKWVLTAAHCLKEGLKVYLGKHALGRV
EAGEQVREVVHSHIPPEYRRSPTHLNHDHDI MLLELQSPVQLTGYIQTLP LSHNNRLTPGTTCRVSGWGTTTSPQVNYPK
TLQCANIQLRSDEECRQVYPGKITDNMLCAGTKEGGKDSCEGDSGGPLVCNRTLYGIVSWGDFPCGQPDRPGVYTRVSR
YVLWIRETIRKYETQQQKWLKGPQH HHHHHH

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.