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KLK13, 17-277aa, Human, His tag, E.coli

产品货号: TP02742

第三版

别名:Kallikrein-13, KLK-L4, KLKL4

描述: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 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

分子量:31.3 kDa (284aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSGGVSQESSKVLNTNGTSGFLPGGYTCFPHSQPWQAALLVQGRLLCGGVLVHPKW
VLTAAHCLKEGLKVYLGKHALGRVEAGEQVREVVHSIPHPEYRRSPTHLNHDHDIMLLELQSPVQLTGYIQTLP LSHNNR
LTPGTTCRVSGWGTTTTSPQVNYPKTLQCANIQLRSDEECRQVYPGKITDNMLCAGTKEGGKDSCEGDSGGPLVCNRTLY
GIVSWGDFPCGQPDRPGVYTRVSRVVLWIRETIRKYETQQQKWLKGPQ

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

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.