

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

KLK15, 22-256aa, Human, His tag, E.coli

产品货号: TP02745

第三版

别名:Kallikrein-15 isoform 4 preproprotein , Kallikrein-related peptidase 15, ACO, HSRNASPH

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. KLK15 is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In prostate cancer, it has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. KLK15 contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. Recombinant human KLK15 protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量:28.2 kDa (258aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSLLLEGDECAPHSQPWQVALYERGRFNCGASLISPHWVLSAAHCQSRFMRVRLGEH
NLRKRDGPEQLRTTSRVIPHPRYEARSHRNDIMLLRLVQPARLNPQVRPAVLPTRCPPHGEACVVSGWGLVSHNEPGTA
GSPRSQVSLPDTLHCANISIIISDTSCDKSYPGRLTNTMVCAGAEGRGAESCEGDSGGPLVCGGILQGIVSWGDVPCDNTTK
PGVYTKVCHYLEWIRETMKRN

纯度:> 95% by HPLC

浓度:1.0 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.