

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。

KLK3, 25-261aa, Human, His tag, E.coli

产品货号: TP02748

第三版

**别名:** Prostate-specific antigen, APS, hK3, KLK2A1, PSA.

**描述:** Prostate-specific antigen (PSA), also known as gamma-seminoprotein or kallikrein-3 (KLK3), is a member of the kallikrein-related peptidase family. 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.

**配方:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 0.4M Urea, 10% glycerol.

**分子量:** 28.8 kDa (262aa).

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSHMIVGGWECEKHSQPWQVLVASRGRAVCGGVLVHPQWVLTAAHCIRNKSVILL  
GRHSLFHPEDTGQVFQVSHSFPHPLYDMSLLKNRFLRPGDDSSHDLMLLRLSEPAELTDAVKVMDLPTQEPALGTTTCYAS  
GWGSIPEEFLTPKKLQCVDLHVISNDVCAQVHPQVTKFMLCAGRWTGGKSTCSGDSGGPLVCNGVLQGITSWGSEP  
CALPERPSLYTKVVHYRKWIKDTIVANP

**纯度:** > 95% by HPLC

**浓度:** 1 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.