

# Recombinant human Kallikrein 10/KLK10 protein

Catalog Number: ATGP2664

## PRODUCT INFORMATION

**Expression system**

E.coli

**Domain**

34-276aa

**UniProt No.**

O43240

**NCBI Accession No.**

NP\_001070968

**Alternative Names**

PRSSL1, Protease serine-like 1, Normal epithelial cell-specific 1, NES1, KLK10, Kallikrein-10, Kallikrein related peptidase 10

## PRODUCT SPECIFICATION

**Molecular Weight**

29.1 kDa (266aa)

**Concentration**

1mg/ml (determined by Bradford assay)

**Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

**Purity**

> 85% by SDS-PAGE

**Tag**

His-Tag

**Application**

SDS-PAGE, Denatured

**Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

**Description**

KLK10, also known as Kallikrein-10, is one of the fifteen kallikrein subfamily members. 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. It is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Recombinant human KLK10 protein, fused to His-tag at N-terminus, was expressed in E. coli.

## Recombinant human Kallikrein 10/KLK10 protein

Catalog Number: ATGP2664

### Amino acid Sequence

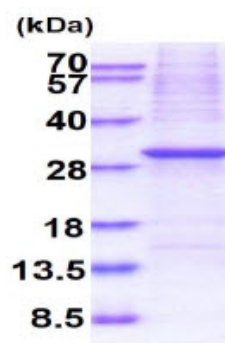
MGSSHHHHHH SSGLVPRGSH MGSALLPQND TRLDPEAYGS PCARGSQPWQ VSLFNGLSFH CAGVLVDQSW  
VLTAAHCGNK PLWARVGDDH LLLLQGEQLR RTTRSVVHPK YHQGSGPILP RRTDEHDLML LKLARPVVLG PRVRALQLPY  
RCAQPGDQCQ VAGWGTTAAR RVKYNKGLTC SSITILSPKE CEVFYPGVVT NNMICAGLDR GQDPCQSDSG GPLVCDETLQ  
GILSWGVPYC GSAQHPAVYT QICKYMSWIN KVIRSN

### General References

Liu XL. et al. (1996) Cancer Res. 56:3371-3379.  
Zhang Y. et al. (2006) Biol. Chem. 387:715-721.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)