Recombinant human Kallikrein 13/KLK13 protein

Catalog Number: ATGP2949

PRODUCT INFORMATION

Expression system
E.coli

Domain
17-277aa

UniProt No.
Q9UKR3

NCBI Accession No.
NP_056411

Alternative Names
Kallikrein related peptidase 13, Kallikrein-13 Kallikrein-like protein 4, KLK-L4

PRODUCT SPECIFICATION

Molecular Weight
31.3 kDa (284aa)

Concentration
0.25mg/ml (determined by Bradford assay)

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

Purity
> 90% 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
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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

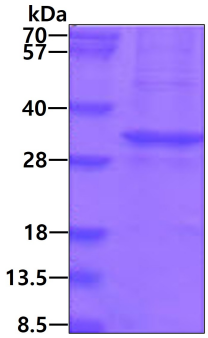
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General References

Friedman J.S., et al. (2002) Hum. Mol. Genet. 11:1333-1342

DATA

SDS-PAGE



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