
Kallikrein-6

Human, Recombinant, *E. coli*

Cat. No.: RCP9482

Size: 10µg

Synonym: KLK-6; Kallikrein-Related Peptidase 6; Protease Serine 9; Prss9; Protease M; Neurosin; SP59; Serine Protease 18.

Description: Kallikreins are a subgroup of serine proteases having diverse physiological functions, from carcinogenesis to novel cancer biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The KLK-6 enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease.

RANDOX recombinant Kallikrein-6 comprises a 228 amino acid fragment (17-244) corresponding to the mature Kallikrein-6 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Yousef GM, *et.al* (2003). *Clin. Chim. Acta* **329 (1-2)** : 1–8.