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 230 amino acid fragment (15-244) 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.