Datasheet for ABIN7505476

Kallikrein 6 Protein (KLK6) (AA 25-261) (His tag)

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Overview

Quantity:	100 µg
Target:	Kallikrein 6 (KLK6)
Protein Characteristics:	AA 25-261
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 6 protein is labelled with His tag.

Product Details

Sequence:	Ile25-Pro261
Characteristics:	A DNA sequence encoding the Rat KLK6 (P36374-1) (Ile25-Pro261) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>80 % as determined by reducing SDS-PAGE.

Target Details

Target:	Kallikrein 6 (KLK6)
Alternative Name:	KLK6 (KLK6 Products)
Background:	Background: 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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The encoded

Target Details

	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. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene. Synonym: Bssp,hK 6,hK6,Kallikrein 6 precursor,Kallikrein related peptidase 6,Kallikrein-6,Kallikrein6,KLK 6,Klk7,KLK9,Klk29,Klk6,KLK6,Klk7,KLK9,MGC9355,mGK 1,mGK1,MSP,Neurosin,Protease M,Protease serine 18,Protease serine 9,PRSS 18,PRSS 9,PRSS18,PRSS9,Serine protease 18,Serine protease 9,SP 59,SP59,Tissue kallikrein,TK,Zyme
Molecular Weight:	26.32 kDa
Pathways:	Complement System, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months