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Datasheet for ABIN7318698 Kallikrein 4 Protein (His tag)



Overview	
Quantity:	50 µg
Target:	Kallikrein 4 (KLK4)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 4 protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human Kallikrein 4/KLK4 Protein (His Tag)
Sequence:	Ser27-Ser254
Characteristics:	Recombinant Human Kallikrein 4 is produced by our Mammalian expression system and the target gene encoding Ser27-Ser254 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.
Target Details	
Target:	Kallikrein 4 (KLK4)
Alternative Name:	Kallikrein 4/KLK4 (KLK4 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

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	fifteen members of the Kallikrein subfamily located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein. Synonym: Kallikrein-4, Enamel Matrix Serine Proteinase 1, Kallikrein-Like Protein 1, KLK-L1, Prostase, Serine Protease 17, KLK4, EMSP1, PRSS17, PSTS,AI2A1,ARM1,EMSP,kallikrein,KLK- L1
Molecular Weight:	25.4 kDa
UniProt:	Q9Y5K2
Pathways:	Complement System
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.
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.