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## Datasheet for ABIN5853543 Kallikrein 15 Protein (AA 22-256) (His tag)



Image

Overview					
Quantity:	100 µg				
Target:	Kallikrein 15 (KLK15)				
Protein Characteristics:	AA 22-256				
Origin:	Human				
Source:	Escherichia coli (E. coli)				
Protein Type:	Recombinant				
Purification tag / Conjugate:	This Kallikrein 15 protein is labelled with His tag.				
Application:	SDS-PAGE (SDS)				
Product Details					
Sequence:	MGSSHHHHHH SSGLVPRGSH MGSLLEGDEC APHSQPWQVA LYERGRFNCG ASLISPHWVL SAAHCQSRFM RVRLGEHNLR KRDGPEQLRT TSRVIPHPRY EARSHRNDIM LLRLVQPARL NPQVRPAVLP TRCPHPGEAC VVSGWGLVSH NEPGTAGSPR SQVSLPDTLH CANISIISDT SCDKSYPGRL TNTMVCAGAE GRGAESCEGD SGGPLVCGGI LQGIVSWGDV PCDNTTKPGV YTKVCHYLEW IRETMKRN				
Purity:	> 90 % by SDS - PAGE				
Target Details					
Target:	Kallikrein 15 (KLK15)				
Alternative Name:	KLK15 (KLK15 Products)				
Background:	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing				

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## Target Details

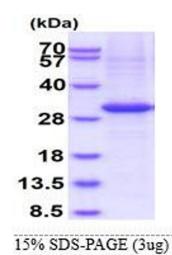
	evidence suggests that many kallikreins are implicated in carcinogenesis and some have					
	potential as novel cancer and other disease biomarkers. KLK15 is one of the fifteen kallikrein					
	subfamily members located in a cluster on chromosome 19. In prostate cancer, it has					
	increased expression, which indicates its possible use as a diagnostic or prognostic marker for					
	prostate cancer. KLK15 contains multiple polyadenylation sites and alternative splicing results					
	in multiple transcript variants encoding distinct isoforms. Recombinant human KLK15 protein,					
	fused to His-tag at N-terminus, was expressed in E.coli .					
Molecular Weight:	28.2 kDa (258aa)					
NCBI Accession:	NP_059979					
UniProt:	Q9H2R5					
Pathways:	Complement System					

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.		
Comment:	Denatured		
Restrictions:	For Research Use only		

## Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



S	DS-	·P/	4	G	l

Image 1.

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