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Product datasheet for AR50590PU-S

KLK1 / Kallikrein-1 (25-262, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	KLK1 / Kallikrein-1 (25-262, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MIVGGWECEQ HSQPWQAALY HFSTFQCGGI LVHRQWVLTA AHCISDNYQL WLGRHNLFDD ENTAQFVHVS ESFPHPGFNM SLLENHTRQA DEDYSHDLML LRLTEPADTI TDAVKVVELP TQEPEVGSTC LASGWGSIEP ENFSFPDDLQ CVDLKILPND ECKKVHVQKV TDFMLCVGHL EGGKDTCVGD SGGPLMCDGV LQGVTSWGYV PCGTPNKPSV AVRVLSYVKW IEDTIAENS
Tag:	His-tag
Predicted MW:	28.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human KLK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002248
Locus ID:	3816
UniProt ID:	P06870, A0A1R3UCD2
Cytogenetics:	19q13.33
Synonyms:	hK1; Klk6; KLKR

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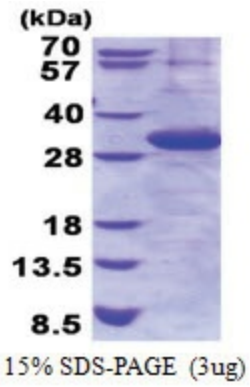
Summary: Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Product images:



15% SDS-PAGE (3ug)