

Product datasheet for AR50561PU-N

KLK7 / Kallikrein-7 (30-253, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins Description: KLK7 / Kallikrein-7 (30-253, His-tag) human recombinant protein, 0.5 mg Species: Human E. coli **Expression Host:** Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSHMIIDGA PCARGSHPWQ VALLSGNQLH CGGVLVNERW or AA Sequence: VLTAAHCKMN EYTVHLGSDT LGDRRAQRIK ASKSFRHPGY STQTHVNDLM LVKLNSQARL SSMVKKVRLP SRCEPPGTTC TVSGWGTTTS PDVTFPSDLM CVDVKLISPQ DCTKVYKDLL ENSMLCAGIP DSKKNACNGD SGGPLVCRGT LQGLVSWGTF PCGQPNDPGV YTQVCKFTKW INDTMKKHR Tag: His-tag Predicted MW: 27.1 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 2M UREA, 10% glycerol Liquid purified protein **Preparation: Protein Description:** Recombinant human KLK7 protein, fused to His-tag at N-terminus, was expressed in E.coli. 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. Shelf life: one year from despatch. Stability: **RefSeq:** NP 001193982 5650 Locus ID: **UniProt ID:** P49862 Cytogenetics: 19q13.41 Synonyms: hK7; PRSS6; SCCE



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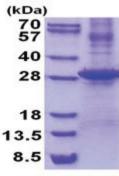
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	KLK7 / Kallikrein-7 (30-253, His-tag) Human Protein – AR50561PU-N
Summary:	This gene encodes a member of the kallikrein subfamily of serine proteases. These enzymes have diverse physiological functions and many kallikrein genes are biomarkers for cancer. The encoded protein has chymotrypsin-like activity and plays a role in the proteolysis of intercellular cohesive structures that precedes desquamation, the shedding of the outermost layer of the epidermis. The encoded protein may play a role in cancer invasion and metastasis, and increased expression of this gene is associated with unfavorable prognosis and progression of several types of cancer. Polymorphisms in this gene may play a role in the development of atopic dermatitis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, which is one of fifteen kallikrein subfamily members located in a gene cluster on chromosome 19. [provided by RefSeq, May 2011]

Protein Families:

Druggable Genome, Secreted Protein

Product images:



15% SDS-PAGE (3ug)

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