

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
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMIIDGA PCARGSHPWQ VALLSGNQLH CGGVLVNERW VLTAAHCKMN EYTVHLGSDT LGDRRAQRIK ASKFRHPGY 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
Preparation:	Liquid purified protein
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001193982
Locus ID:	5650
UniProt ID:	P49862
Cytogenetics:	19q13.41
Synonyms:	hK7; PRSS6; SCCE



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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: