

Product datasheet for **AR50450PU-N**

KLK5 / Kallikrein-5 (67-293, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	KLK5 / Kallikrein-5 (67-293, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMIINGS DCDMHTQPWQ AALLLRPNQL YCGAVLVHPQ WLLTAAHCRK KVFRVRLGHY SLSPVYESGQ QMFQGVKSIP HPGYSHPGHS NDMLIKLNR RIRPTKDVRP INVSSHCPSA GTKCLVSGWG TTKSPQVHFP KVLQCLNISV LSQKRCEAY PRQIDDTMFC AGDKAGRDCS QGDSGGPVC NGSLQGLVSW GDYPCARPNR PGVYTNLCKF TKWIQETIQA NS
Tag:	His-tag
Predicted MW:	27.8 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, 20% glycerol
Preparation:	Liquid purified protein
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_001070959
Locus ID:	25818
UniProt ID:	Q9Y337
Cytogenetics:	19q13.41
Synonyms:	KLK-L2; KLKL2; SCTE



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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. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images: