

## Product datasheet for **AR51378PU-N**

### KLK15 / Kallikrein-15 (22-256, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	KLK15 / Kallikrein-15 (22-256, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSLLGDEC APHSQPWQVA LYERGRFNCG ASLISPHWVL SAAHCQSRFM RVRLGEHNLK KRDGPEQLRT TSRVIPHPRY EARSHRNDIM LLRLVQPARL NPQVRPAVLP TRCPHPGEAC VSWGWGLVSH NEPGTAGSPR SQVSLPDTLH CANISIISDT SCDKSYPGRL TNTMVCAGAE GRGAESCEGD SGGPLVCGGI LQGVSWGDV PCDNTTKPGV YTKVCHYLEW IRETMKRN
Tag:	His-tag
Predicted MW:	28.2 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 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human KLK15 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:	<a href="#">NP_001264010</a>
Locus ID:	55554
UniProt ID:	<a href="#">Q9H2R5</a> , <a href="#">Q6UBM2</a>
Cytogenetics:	19q13.33
Synonyms:	ACO; HSRNASPH



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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. In prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Protease, Secreted Protein

**Product images:**