

# Product datasheet for AR51068PU-N

## Elafin / PI3 (23-117, His-tag) Human Protein

## **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	Elafin / PI3 (23-117, His-tag) human protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSAVTGVPV KGQDTVKGRV PFNGQDPVKG QVSVKGQDKV KAQEPVKGPV STKPGSCPII LIRCAMLNPP NRCLKDTDCP GIKKCCEGSC GMACFVPQ
Tag:	His-tag
Predicted MW:	12 kDa
Concentration:	lot specific
Purity:	>80% 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
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:	<u>NP 002629</u>
Locus ID:	5266
UniProt ID:	<u>P19957</u>
Cytogenetics:	20q13.12
Synonyms:	cementoin; ESI; SKALP; WAP3; WFDC14



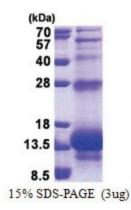
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## Scherken Elafin / PI3 (23-117, His-tag) Human Protein – AR51068PU-N

Summary:This gene encodes an elastase-specific inhibitor that functions as an antimicrobial peptide<br/>against Gram-positive and Gram-negative bacteria, and fungal pathogens. The protein<br/>contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC<br/>domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two<br/>clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. Expression<br/>of this gene is upgulated by bacterial lipopolysaccharides and cytokines. [provided by RefSeq,<br/>Oct 2014]

Protein Families: Secreted Protein, Transmembrane

### **Product images:**



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