

Arginine esterase Recombinant Protein | KLK2 recombinant protein

Recombinant Canis familiaris (Dog) (Canis lupus familiaris) Arginine esterase

CATALOG # AAA115950	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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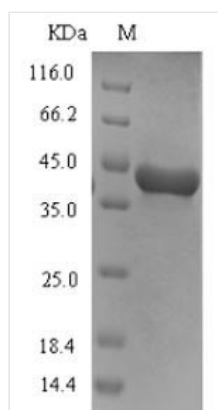
PRODUCT SYNONYMS

Arginine esterase; Recombinant Canis familiaris (Dog) (Canis lupus familiaris) Arginine esterase; Canis familiaris (Dog) (Canis lupus familiaris); KLK2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-260aa; Full Length
Sequence	IIGGRECLKN SQPWQVAVYH NGEFACGGVL VNPEWVLTAA HCANSNCEVW LGRHNLSESE DEGQLVQVRK SFIHPLYKTK VPRAVIRPGE DRSHDLMLH LEEPAKITKA VRVMDLPKKE PPLGSTCYVS GWGSTDPETI FHPGSLQCVD LKLLSNNQCA KVYTQKVTKF MLCAGVLEGG KDTCKGDSGG PLICDGELVG ITSWGATPCG KPQMPSLYTR VMPHLMWIKD TMKANT
Sequence Length	260
Species	Canis familiaris (Dog) (Canis lupus familiaris)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KLK2 recombinant protein	This serine protease is found in dog seminal plasma, its exact physiological function is not known. Preferential cleavage of Arg-Xaa bonds in small molecule substrates. Highly selective action to release kallidin (lysyl-bradykinin) from kininogen involves hydrolysis of Met-Xaa or Leu-Xaa.
References	"Nucleotide sequence of the androgen-dependent arginine esterase mRNA of canine prostate." Chapdelaine P., Ho-Kim M.-A., Tremblay R.R., Dube J.Y. FEBS Lett. 232:187-192(1988)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50979094
NCBI GeneID	403967
NCBI Accession #	NP_001003284.1
NCBI GenBank Nucleotide #	NM_001003284.1
UniProt Accession #	P09582
Molecular Weight	42 kDa
NCBI Official Full Name	arginine esterase
NCBI Official Symbol	KLK2
NCBI Protein Information	arginine esterase
UniProt Protein Name	Arginine esterase
UniProt Entry Name	ESTA_CANLF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/arginine-esterase-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115950>