

Kallikrein Active Protein | KLKB1 active protein

Kallikrein, Porcine Pancreas

CATALOG #
AAA44797

PRODUCT SYNONYMS

Kallikrein; Porcine Pancreas; Kininogenase; Kininogenin; Kallikrein (KLK); Porcine; KLKB1 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Purified
Form/Format	Lyophilized Powder Appearance: White to brown powder.
Sequence Length	643
Source	Porcine Pancreas
EC Number	3.4.21.35
Specific Activity	1,130 U/mg protein
Moisture	2.9% (Loss on Drying)
Solubility	Clear Solution (2mg/mL water)
CAS Number	9001-01-8
Activity	65 U/mg powder
Unit Definition	One unit will catalyze the hydrolysis of one micromole of N(Alpha)-benzoyl-L-arginine ethyl ester to N(Alpha)-benzoyl-L-arginine and ethanol per minute at pH 8.0 and 25°C.
Preparation and Storage	Ships on blue ice. Store at 2-8°C.

ADDITIONAL INFORMATION

Related Product Information for KLKB1 active protein	AAA Biotech sells porcine pancreatic Kallikrein as a serine protease for clinical research and in-vitro manufacturing. Technical support, bulk quantities and aliquoting available. Bulk quantities 10,000-250,000 units available. Kallikrein is an enzyme present in blood plasma, lymph, urine, saliva, pancreatic juices, and other body fluids that catalyzes the proteolysis of bradykininogen to bradykinin. Kallikreins are targets of active investigation by drug researchers as possible biomarkers for cancer. It is also referred to as Kininogenase, Kininogenin.
Product Categories/Family for KLKB1 active protein	Proteins ; Antigens ; Enzymes ; Standards/controls ; Native Proteins ; Kallikrein (klk)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47522962
NCBI GeneID	397144

NCBI Accession #	NP_999239.1
NCBI GenBank Nucleotide #	NM_214074.1
NCBI Official Full Name	plasma kallikrein
NCBI Official Symbol	KLKB1
NCBI Protein Information	plasma kallikrein

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://www.aaabiotech.com/active-protein/kallikrein/44797>