

Elastase Active Protein | CELA1 active protein

Elastase, Porcine Pancreas

CATALOG #
AAA11482

PRODUCT SYNONYMS

Elastase; Porcine Pancreas; Pancreatopeptidase E; Porcine; CELA1 active protein

PRODUCT SPECIFICATIONS

Form/Format	Lyophilized powder.
Sequence Length	291
Appearance	White to off-white powder
Source	Porcine Pancreas
EC Number	3.4.21.36
Activity	4.6 units/mg
Protein	0.30 mg Protein/mg (Coomassie)
CAS Number	848900-32-3
Specific Activity	16 units/mg protein.
Unit Definition	One unit will hydrolyze one micromole of methoxy succinyl-alanine-alanine-proline-valine-p-nitroanilide per minute at 37°C and pH 7.5.
Reconstitution	Reconstitute into provided container and centrifuge to ensure full recovery.
Preparation and Storage	Aliquot and freeze at -20°C after reconstitution. Protect from moisture.

ADDITIONAL INFORMATION

Related Product Information for CELA1 active protein	We produces porcine pancreas Elastase in bulk quantities from 5,000 kU single lot sizes. Custom preparations, technical support, bulk quantities and aliquoting available.
Product Categories/Family for CELA1 active protein	Proteins ; Antigens ; Enzymes ; Standards/controls ; Native Proteins ; Elastase

NCBI AND UNIPROT INFORMATION

NCBI GI #	845581
NCBI GeneID	396766
NCBI Official Full Name	elastase
NCBI Official Symbol	CELA1
NCBI Official Synonym Symbols	ELA1; ELS1; Elastase-1
NCBI Protein Information	chymotrypsin-like elastase family member 1; pancreatic elastase I

UniProt Protein Name	Chymotrypsin-like elastase family member 1
UniProt Gene Name	CELA1
UniProt Synonym Gene Names	ELA1
UniProt Entry Name	CELA1_PIG

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/cela1-active-protein/elastase/11482>