

Native Pig Amylase, Alpha 2B (pancreatic)

Cat. No. AMY2-5364P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native pig AMY2 was expressed in Pig pancreas.
Species	Pig
Source	Pig Pancreas
Description	AMY2 are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas.
Form	Lyophilized from 150mM NaCl +3 mM CaCl.
Molecular Mass	54 kDa
Storage	Product is stable for 2 years when stored at -20°C.
Concentration	Typically >0.5mg/ml

GENE INFORMATION

Gene Name	AMY2 amylase, alpha 2B (pancreatic) [<i>Sus scrofa</i>]
Official Symbol	AMY2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	AMY2B; pancreatic alpha-amylase; PA; alpha-amylase; 1,4-alpha-D-glucan glucanohydrolase
mRNA Refseq	NM_214195
Protein Refseq	NP_999360
UniProt ID	P00690
Chromosome Location	4; 4
Pathway	Carbohydrate digestion and absorption, organism-specific biosystem; Digestion of dietary carbohydrate, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem
Function	alpha-amylase activity; calcium ion binding; chloride ion binding

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