

Datasheet for ABIN7587432

AMY2A Protein (AA 16-508) (His tag)



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Overview

Quantity:	100 µg
Target:	AMY2A
Protein Characteristics:	AA 16-508
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMY2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>QYDPH TADGRTAIVH LFEWRWADIA KECERYLAPK GFGGVQVSPP NENIIINNPS RPWWERYQPI</p> <p>SYKICSRSGN ENEFKDMVTR CNNVGVRIVV DAVINHMCGS GNSAGTHSTC GSYFNPNNRE</p> <p>FSAPYSAWY FNDNKCNGEI NNYNDANQVR NCRLSGLLDL ALDKDYVRTK VADYMNNLID</p> <p>IGVAGFRLDA AKHMWPGDIK AVLDKLHNLN TKWFSQGSRP FIFQEVIDLG GEAIKGSEYF</p> <p>GNGRVTEFKY GAKLGTVIRK WNGEKMSYLK NWGEGWGFVP TDRALVFVDN HDNQRGHGAG</p> <p>GASILTFWDA RMYKMAVGFM LAHPYGFTRV MSSYRRTNRF QNGKD VNDWI GPPNNNGVTK</p> <p>EVTINPD TTC GNDWVCEHRW RQIRNMVAFR NVVNGQPFAN WWDNGSNQVA FSRGNRGFIV</p> <p>FNND DWALSS TLQTGLPAGT YCDVISGDKV NGNCTGLKVN VGSDGKAHFS ISNSAEDPFI</p> <p>AIHADSKL</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: AMY2A

Alternative Name: Pancreatic alpha-amylase (Amy2) ([AMY2A Products](#))

Background: Recommended name: Pancreatic alpha-amylase.
Short name= PA.
EC= 3.2.1.1.
Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase

UniProt: [P00689](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.