Datasheet for ABIN7317267

AMY2A Protein (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	AMY2A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMY2A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human AMY2A/Alpha-amylase Protein (His Tag)
Sequence:	Met 1-Leu511
Characteristics:	A DNA sequence encoding the human AMY2A (P04746) (Met1-Leu511) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	AMY2A
Alternative Name:	AMY2A (AMY2A Products)
Background:	Background: Alpha-amylase is the major form of amylase found in humans and other mammals. Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary

Target Details

	starch and glycogen. Alpha-amylase hydrolyses alpha bonds of large, alpha-linked polysaccharides, such as starch and glycogen, yielding glucose and maltose. Amylases is widely expressed and is most prominent in pancreatic juice and saliva, each of which has its own isoform of human α-amylase. They behave differently on isoelectric focusing, and can also be separated in testing by using specific monoclonal antibodies. Synonym: AMY2;AMY2A;PA
Molecular Weight:	57.3 kDa
UniProt:	P04746

Application Details

Comment:	53-58 kDa
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.