

alpha Amylase enzyme Active Protein | RB5200 active protein

alpha Amylase enzyme

CATALOG #
AAA75393

HOST
Human

PRODUCT SYNONYMS

alpha Amylase enzyme; Amylase protein; 4-alpha-D-Glucan-glucanohydrolase; 1; Amy2; RB5200 active protein

PRODUCT SPECIFICATIONS

Host	Human
Form/Format	100mM Tris-HCL, 150mM NaCl.
Concentration	1.4 mg/ml (varies by lot)
Sequence Length	942
Source Note	Human pancreas
Protein Type	Native
Biological Significance	Amylase is an enzyme that breaks starch down into sugar. It is present in human saliva, where it begins the chemical process of digestion. The pancreas also makes amylase (alpha amylase) to hydrolyse dietary starch into disaccharides and trisaccharides which are converted by other enzymes to glucose to supply the body with energy.
Bioactivity	>200 units/ml at 37 degree C
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for RB5200 active protein	Human alpha Amylase protein purified from pancreas
Product Categories/Family for RB5200 active protein	Proteases ; Inhibitors ; & Enzymes ; Native Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	32473570
NCBI GeneID	1792821
NCBI Accession #	NP_866564.1
NCBI GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	alpha-amylase
NCBI Official Symbol	RB5200
NCBI Protein Information	alpha-amylase

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.

