

Product datasheet for **TP721233**

AMY2B (NM_020978) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human amylase, alpha 2B (pancreatic) (AMY2B)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Gln16-Leu511
Tag:	C-His
Predicted MW:	56.9 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_066188
Locus ID:	280
UniProt ID:	P19961
RefSeq Size:	2253
Cytogenetics:	1p21.1
RefSeq ORF:	1533
Synonyms:	AMY2; AMY3; HXA
Summary:	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 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. [provided by RefSeq, Jun 2013]
Protein Families:	Secreted Protein



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Protein Pathways: Metabolic pathways, Starch and sucrose metabolism