

Recombinant Human AMY2A protein, His-tagged

Cat. No. AMY2A-8569H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMY2A protein(P04746) (Met1-Leu511) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-511 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human AMY2A consists of 507 amino acids and predicts a molecular mass of 57.3 KDa. It migrates as an approximately 53-58 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

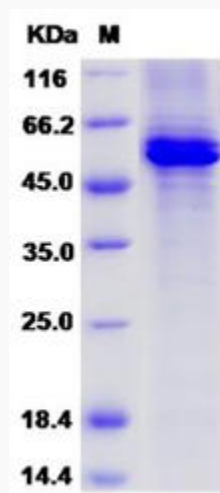
Gene Name	AMY2A amylase, alpha 2A (pancreatic) [Homo sapiens]
Official Symbol	AMY2A
Synonyms	AMY2A; amylase, alpha 2A (pancreatic); AMY2, amylase, alpha 2A; pancreatic; pancreatic alpha-amylase; glycogenase; alpha-amylase; found in the pancreas; pancreatic amylase 2A; pancreatic amylase alpha 2A; amylase, pancreatic, alpha-2A; 1,4-alpha-D-glucan glucanohydrolase; PA; AMY2; AMY2B;
Gene ID	279
mRNA Refseq	NM_000699
Protein Refseq	NP_000690
MIM	104650
UniProt ID	P04746

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SDS-PAGE



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