


Recombinant Human AMY2A protein(Met1-Leu511), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AMY2A (P04746) (Met1-Leu511) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Source	HEK293
Species	Human
Tag	His
Protein length	Met1-Leu511
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

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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