

Recombinant Cynomolgus AMY2A, His tagged

Cat. No. AMY2A-56C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus AMY2A (H9EX43) (Met1-Leu511), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Source	Human Cells
Species	Cynomolgus
Tag	His
Predicted N Terminal	Gln 16
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus AMY2A comprises 507 amino acids and has a calculated molecular mass of 57.2 KDa. The apparent molecular mass of it is approximately 47-55 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be

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aliquoted 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

Protein length Met1-Leu511

GENE INFORMATION

Gene Name AMY2A?amylase, alpha 2A (pancreatic) [?Macaca fascicularis(crab-eating macaque)]

Official Symbol AMY2A

Gene ID 102123076

mRNA Refseq XM_005542560

Protein Refseq XP_005542617

Chromosome Location 1

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