Recombinant Cynomolgus AMY2A, Fc-tagged

Cat. No. AMY2A-194C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the cynomolgus AMY2A (H9EX43) (Met1-Leu511) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Cynomolgus
Source	Human Cells
ProteinLength	Met1-Leu511
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant cynomolgus AMY2A comprises 737 amino acids and has a calculated molecular mass of 82.8 KDa. The apparent molecular mass of the protein is approximately 93 KDa in SDS-PAGE.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Storage	Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	AMY2A?amylase, alpha 2A (pancreatic) [?Macaca fascicularis?(crab-eating macaque)]
Official Symbol	AMY2A
Synonyms	AMY2A; amylase, alpha 2A (pancreatic); amylase, alpha 2A (pancreatic)
Gene ID	102123076
mRNA Refseq	XM_005542560
Protein Refseq	XP_005542617
Chromosome Location	1
Pathway	Carbohydrate digestion and absorption; Starch and sucrose metabolism

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