

Recombinant Human AMY2B Protein, His-tagged

Cat. No. AMY2B-231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMY2B fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Supplied as a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	56.9kD
AA Sequence	QYSPNTQQGRTSIVHLFEWRWVDIALECERYLAPKGFGGVQVSPPNENVIAHNPFRR PWWERYQPVS YKLCTRSGNEDEFNMVTRCNNVGVRIYVDAVINHMSGNAVSAGT SSTCGSYFNPGSRDFPAVPYSGWDFNDGKCKTGSGDIENYNDATQVRDCRLVGLL DLALEKD YVRSKIAEYMNHLIDIGVAGFRLDASKH MWPGDIKAILDKLHNLNSNW FPA GSKPFIYQEVIDLGGEPIKSSDYFGNGRVTEFKYGAKLGTVIRKWNGEKMSYLKNW GEGWGFMPSDRALVFVDNHDNQRGHGAGGASILTFWDARLYKMAVGFM LAHPYG FTRVMSSYRWPRQFQNGNDVNDWVGPPNNGVIVKEVTINPDTCGNDWVCEHRW RQIRNMVNFNRNVVDGQPFTNWDNGSNQVAFGRGNRGFIVFNDDWTFSLTLQTG

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LPAGTYCDVISGDKINGNCTGIKIYVSDDGKAHFSISNSAEDPFIAIHAESKLVDHHHH
HH*

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name AMY2B amylase, alpha 2B (pancreatic) [Homo sapiens]

Official Symbol AMY2B

Synonyms AMY2B; amylase, alpha 2B (pancreatic); AMY2, amylase, alpha 2B; pancreatic; alpha-amylase 2B; glycogenase; alpha-amylase carcinoid; carcinoid alpha-amylase; 1,4-alpha-D-glucan glucanohydrolase 2B; AMY2;

Gene ID 280

mRNA Refseq NM_020978

Protein Refseq NP_066188

MIM 104660

UniProt ID P19961

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