

Recombinant Full Length Human AMY2B Protein, GST-tagged

Cat. No. AMY2B-1032HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMY2B full-length ORF (NP_066188.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	511 amino acids
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. [provided by RefSeq, Jun 2013]
Molecular Mass	84.1 kDa
AA Sequence	MKFFLLLFIT GFCWAQYSPN TQQGRTSIVH LFEWRWVDIA LECERYLAPK GFGGVQVSPN NENVAIHNPF RPWWERYQPV SYKLCTRSGN EDEFNMVTR CNNVGVRIVV DAVINHMSGN AVSAGTSSTC GSYFNPGSRD FPAVPYSGWD FNDGKCKTGS GDIENYNDAT QVRDCRLVGL LDLALEKDYY RSKIAEYMNH LIDIGVAGFR LDASKHMWPG DIKAILDKLH NLNSNWFPAG SKPFIYQEV DLGGPIKSS DYFGNGRVTE FKYGAKLGTV IRKWNGEKMS YLKNWGEGWG FMPSDRALVF VDNHDNQRGH GAGGASILTF WDARLYKMAV GFMLAHPYGF

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TRVMSSYRWP RQFQNGNDVN DWVGPPNNG VIKVTINPD TTCGNDWVCE
 HRWRQIRNMV NFRNVVDGQP FTNWDYNGSN QVAFGRGNRG FIVFNDDWT
 FSLTLQTGLP AGTYCDVISG DKINGNCTGI KIYVSDDGKA HFSISNSAED
 PFIAIHAESK L

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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