

# Recombinant Full Length Human AMY2B Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human AMY2B full-length ORF ( NP_066188.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	511 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	84.1 kDa
<b>AA Sequence</b>	MKFFLLLFTI GFCWAQYSPN TQQGRTSIVH LFEWRWVDIA LECERYLAPK GFGGVQVSPN NENVAIHNPFPWWERYQPVSYKLCTRSGN EDEFRNMVTR CNNVGVRIVY DAVINHMSGN AVSAGTSSTC GSYFNPGSRD FPAVPYSGWD FNDGKCKTGS GDIENYNDAT QVRDCRLVGL LDLALEKDYY RSKIAEYMNH LIDIGVAGFR LDASKHMWPG DIKAILDKLH NLNSNWFPAG SKPFYQVEI DLGGPEIKSS DYFGNGRVTE FKYGAKLGTV IRKWNGEKMS YLKNWGEGWG FMPDRALVF VDNHDNQRGH GAGGASILTF WDARLYKMAV GFMLAHPYGF

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

TRVMSSYRWP RQFQNGNDVN DWVGPPNNG VIKVETINPD 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 glucohydrolase 2B; AMY2

**Gene ID**

280

**mRNA Refseq**

NM\_020978

**Protein Refseq**

NP\_066188

**MIM**

104660

**UniProt ID**

P19961

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA