

## Recombinant Human AMY2B Protein, His-tagged

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

### SPECIFICATION

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

 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

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

 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