

# Recombinant Human AMY2B protein (Met1-Leu511), His-tagged

**Cat. No.** AMY2B-232H    **Lot. No.** (See product label)

## SPECIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Overview</b>     | Recombinant human AMY2B (NP_066188.1) (Met1-Leu511) protein, fused with a polyhistidine tag at the C-terminus, was expressed in E. coli. |
| <b>Species</b>              | Human  |
| <b>Source</b>               | HEK293   |
| <b>ProteinLength</b>        | 1-511 a.a.   |
| <b>CommonName</b>           | AMY2B  |
| <b>Predicted N Terminal</b> | Gln 16   |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.  |
| <b>Molecular Mass</b>       | The recombinant human AMY2B consists 507 amino acids and predicts a molecular mass of 57.3 kDa.  |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.  |
| <b>Purity</b>               | > 95 % as determined by SDS-PAGE.  |
| <b>Storage</b>              | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.   |

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## 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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