# Human AMY2B (Fc Tag) recombinant protein

Catalog Number: 501978



### **General Information**

### **Gene Name Synonym**

1,4-alpha-D-glucan glucanohydrolase 2B; Carcinoid alpha-amylase

#### **Protein Construction**

A DNA sequence encoding the human AMY2B (NP\_066188.1) (Met1-Leu511) was expressed with the Fc region of human IgG1 at the C-terminus.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 95 % as determined by SDS-PAGE.

#### **Endotoxin**

<1.0 EU per  $\mu g$  protein as determined by the LAL method.

### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 16

#### **Molecular Mass**

The recombinant human AMY2B consists 732 amino acids and predicts a molecular mass of 82.4 kDa.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

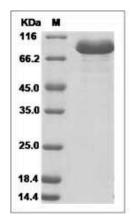
# **Storage**

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human AMY2B Protein (Fc Tag) SDS-PAGE