

# Mouse Bile salt-activated lipase (His Tag) recombinant protein



Catalog Number: 500857

## General Information

### Protein Construction

A DNA sequence encoding the mouse CEL (NP\_034015.1) (Met1-Leu534) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

(27.3+65.4) % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the 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

Ala 21

### Molecular Mass

The recombinant mouse CEL comprises 525 amino acids and has a predicted molecular mass of 58.2 kDa. The apparent molecular mass of the protein is approximately 133.9 and 59.1 kDa in SDS-PAGE

under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, 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

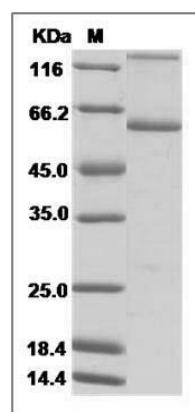
### Storage

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



Mouse CEL / Bile salt-activated lipase Protein (His Tag) SDS-PAGE