

Mouse CES3 / Carboxylesterase-3 / CES1D Protein (His Tag)

Catalog Number: 50369-M08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

Ces1; Ces1d; CES3; TGH

Protein Construction:

A DNA sequence encoding the mouse CES3 (NP_444430.2) (Met1-Glu561) was expressed with a C-terminal polyhistidine tag.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to hydrolyze p-nitrophenylacetate. The specific activity is > 11000 pmoles/min/μg.

Endotoxin:

< 1.0 EU per μg 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: Tyr 19

Molecular Mass:

The recombinant mouse CES3 comprises 554 amino acids and has a predicted molecular mass of 60.8 kDa. The apparent molecular mass of the protein is approximately 53 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

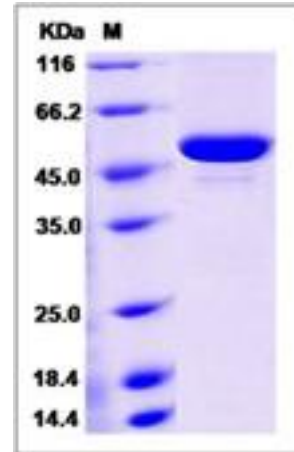
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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