

Mouse Acetylcholinesterase (His Tag) recombinant protein



Catalog Number: 500722

General Information

Protein Construction

A DNA sequence encoding the mouse ACHE (NP_033729.1) (Met 1-Leu 614) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to cleave Acetylthiocholine.
The specific activity is > 250 nmols/min/ μ g.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

Glu 32

Molecular Mass

The recombinant mouse ACHE consists of 594 amino acids and has a predicted molecular mass of 66.2 kDa as estimated in SDS-PAGE under reducing conditions.

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

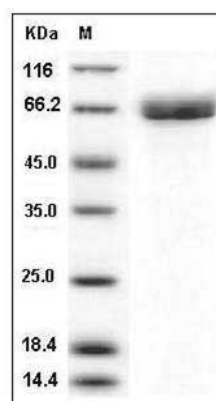
Storage

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



Mouse Acetylcholinesterase / ACHE Protein (His Tag) SDS-PAGE