

Rat GPT1/GPT (His Tag) recombinant protein



Catalog Number: 501212

General Information

Gene Name Synonym

Glutamate pyruvate transaminase 1; Glutamic--alanine transaminase 1; Glutamic--pyruvic transaminase 1

Protein Construction

A DNA sequence encoding the rat Gpt1 (NP_112301.1) (Met 1-Ser 496) with a C-terminal polyhistidine tag was expressed.

Organism

Rat

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

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

Met 1

Molecular Mass

The recombinant rat Gpt1 comprises 506 amino acids with a predicted molecular mass of 55 kDa. It migrates as an approximately 48 kDa band in reduced SDS-PAGE.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol, 0.5mM TCEP

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

Usage Guide

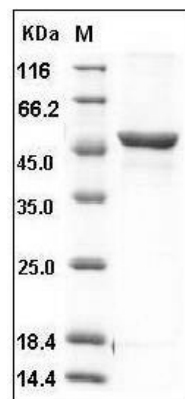
Storage

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



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