

Rat GPT2 (His Tag) recombinant protein



Catalog Number: 502094

General Information

Gene Name Synonym

Protein Gpt2

Protein Construction

A DNA sequence encoding the rat Gpt2 (NP_001012057.1) (Met 1-Ser 522) 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 Gpt2 comprises 532 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

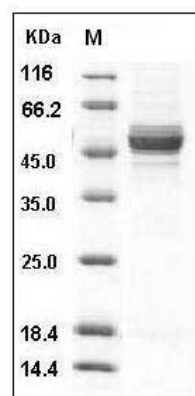
Storage

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



Rat GPT2 Protein (His Tag) SDS-PAGE