Human PDE1C (His & GST Tag) recombinant protein

Catalog Number: 501616



General Information

Protein Construction

A DNA sequence encoding the human PDE1C (Q8TAE4) (Met1-Glu634) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

 $< 1.0 \; \text{EU}$ 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

Molecular Mass

The recombinant human PDE1C /GST chimera consists of 871 amino acids and has a calculated molecular mass of 100 kDa. The recombinant

protein migrates as an approximately 97 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT

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

Usage Guide

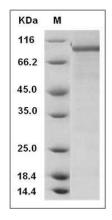
Storage

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



Human PDE1C Protein (His & GST Tag) SDS-PAGE