

Human PDE4B (His & GST Tag) recombinant protein



Catalog Number: 500604

General Information

Gene Name Synonym

DPDE4; PDE32

Protein Construction

A DNA sequence encoding the human PDE4B isoform 2 (NP_001032416.1) (Met 1-Thr 564) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 80 % 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

Molecular Mass

The recombinant human PDE4B/GST chimera

consists of 801 amino acids and has a calculated molecular mass of 92.2 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 10% gly, 0.5mM PMSF, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

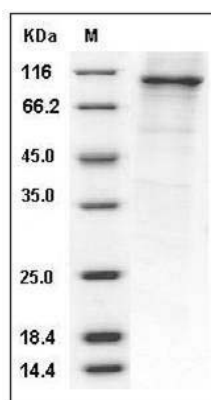
Store it under sterile conditions at -20°C to -80°C .

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 PDE4B / DPDE4 Protein (His & GST Tag) SDS-PAGE