

Human Glutaminyl cyclase / QPCT (His Tag) recombinant protein



Catalog Number: 500294

General Information

Gene Name Synonym

Glutaminyl cyclase; Glutaminyl-tRNA
cyclotransferase; Glutamyl cyclase

Protein Construction

A DNA sequence encoding the human QPCT
(Q16769-1) (Ala33-Leu361) was fused with a
polyhistidine tag at the N-terminus.

Organism

Human

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

His

Molecular Mass

The recombinant human QPCT consists of 345

amino acids and has a calculated molecular mass
of 39.7 kDa. The recombinant protein migrates as
an approximately 38 kDa band in SDS-PAGE under
reducing conditions.

Formulation

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

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

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

Usage Guide

Storage

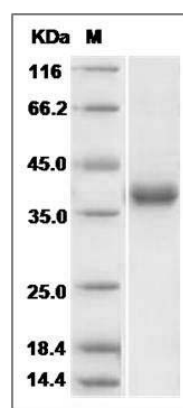
Store it under sterile conditions at -20°C to -80°C .

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 Glutaminyl cyclase / QPCT Protein (His
Tag) SDS-PAGE