

Rat Pepsinogen C/PGC (His Tag) recombinant protein



Catalog Number: 501982

General Information

Gene Name Synonym

Pepsinogen C

Protein Construction

A DNA sequence encoding the rat PGC (NP_579818.1) (Met 1-Val 392) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human 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

Ser 17

Molecular Mass

The recombinant rat PGC comprises 387 amino

acids and predicts a molecular mass of 42.5 kDa. The apparent molecular mass of the ratPGC is approximately 43 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 7.5

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

Usage Guide

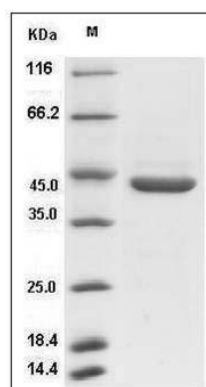
Storage

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 Pepsinogen C / PGC Protein (His Tag) SDS-PAGE