

Human Cyclophilin A (His Tag) recombinant protein



Catalog Number: 501254

General Information

Gene Name Synonym

Cyclophilin A; Cyclosporin A-binding protein; Rotamase A; Peptidyl-prolyl cis-trans isomerase A, N-terminally processed

Protein Construction

A DNA sequence encoding the human PPIA (P62937) (Met 1-Glu 165) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

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 human PPIA consisting of 175 amino acids and has a calculated molecular mass of 19.4 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 150mM NaCl, 20% glycerol, pH 7.7

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

Usage Guide

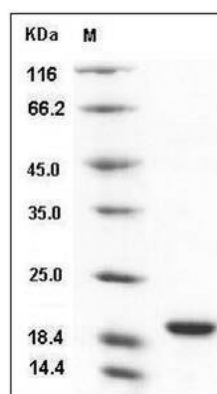
Storage

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 Cyclophilin A / PPIA / CYPA Protein (His Tag) SDS-PAGE