Human ENPP5 (His Tag) recombinant protein

Catalog Number: 500827

General Information

Protein Construction

A DNA sequence encoding the human ENPP5 (Q9UJA9) (Met1-Gly429) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 96 % 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℃

Predicted N terminal

Pro 25

Molecular Mass

The recombinant human ENPP5 is a disulfide-linked homodimer. The reduced monomer comprises 416 amino acids and has a predicted molecular mass of 48.1 kDa. The apparent molecular mass of the protein is approximately 81 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

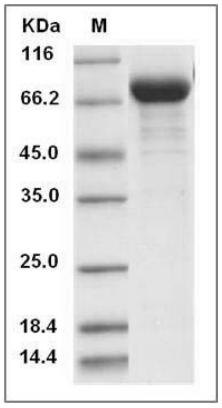
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 ENPP5 Protein (His Tag) SDS-PAGE