

Human DMP1 (His Tag) recombinant protein



Catalog Number: 501589

General Information

Protein Construction

A DNA sequence encoding the human DMP1 (Q13316-1) (Met 1-Tyr 513) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind human CFH in a functional ELISA.

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Leu 17

Molecular Mass

The recombinant human DMP1 consists of 508 amino acids and predicts a molecular mass of 55.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhDMP1 is approximately 53 kDa.

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

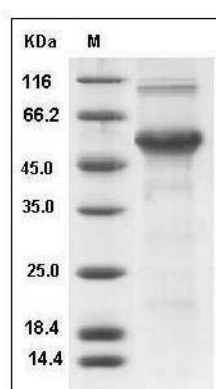
Storage

Store it under sterile conditions at -20°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 DMP1 Protein (His Tag) SDS-PAGE