Human OGN recombinant protein (C-His)

Catalog Number: 514805

General Information

Gene Name Synonym

Osteoinductive factor, mimecan, isoform CRA_a; cDNA FLJ78199, highly similar to Homo sapiens osteoglycin; osteoinductive factor, mimecan; OGN, transcript variant 3, mRNA; cDNA PSEC0219 fis, clone HEMBA1005229, highly similar to Mimecan

Protein Construction

A DNA sequence encoding the human OGN (NP_054776.1) (Met1-Phe298) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg 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 21

Molecular Mass

The recombinant human OGN consists of 289 amino acids and predicts a molecular mass of 33.2 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.
1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

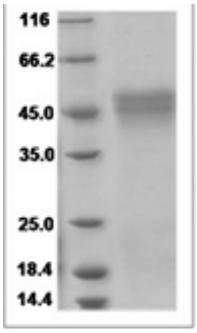
Storage

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

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25mg/mL.

SDS-PAGE



Human OGN/osteoglycin Protein 15324