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. Specific concentrations are included in the hardcopy of COA.
2. Please contact us for any concerns or special requirements.

Usage Guide

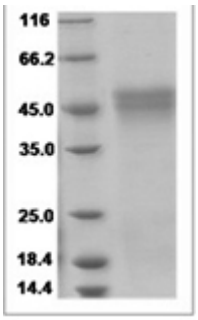
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Human OGN/osteoglycin Protein 15324