

Human Osteonectin / SPARC (His Tag) recombinant protein



Catalog Number: 502304

General Information

Gene Name Synonym

Basement-membrane protein 40; Osteonectin;
Secreted protein acidic and rich in cysteine

Protein Construction

A DNA sequence encoding the human SPARC (NP_003109.1) precursor (Met 1-Ile 303) with a carboxy-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 98 % 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°C

Predicted N terminal

Ala 18

Molecular Mass

The secreted recombinant human SPARC consists of 297 amino acids with the predicted molecular mass of 34 kDa. As a result of glycosylation, rhSPARC migrates as an approximately 45 kDa band 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

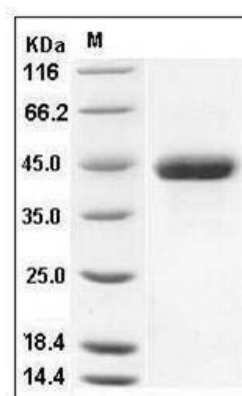
Storage

Store it under sterile conditions at -20°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



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