9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SPARC Human, Sf9

Secreted Protein Acidic & Rich in Cysteine Human Recombinant, Sf9
RCP2215

Product Overview

Name	SPARC Human, Sf9

Description

Secreted Protein Acidic & Rich in Cysteine Human Recombinant, Sf9

Accession (Primary)	P09486

Synonyms

SPARC, Basement-membrane protein 40, BM-40, Osteonectin, ON, Secreted protein acidic and rich in cysteine, OI17.

Introduction

SPARC protein, or secreted protein acidic and rich in cysteine, or osteonectin or basement-membrane protein 40 is a protein that is coded by the SPARC gene in humans. It is a glycoprotein located in bones, that binds to calcium. The osteonectin is secreted from osteoblasts cells when boas are formed, mineralized and promotes the formation and creation of mineral crystals. Asides from calcium, it has been shown that this protein can also bind to collagen.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SPARC protein solution (0.5mg/ml) Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADP APQQEAL PDETEVVEET VAEVTEVSVG ANPVQVEVGE FDDGAEETEE EVVAENPCQN HHCKHGKVCE LDENNTPMCV CQDPTSCPAP IGEFEKVCSN DNKTFDSSCH FFATKCTLEG TKKGHKLHLD YIGPCKYIPP CLDSELTEFP LRMRDWLKNV LVTLYERDED NNLLTEKQKL RVKKIHENEK RLEAGDHPVE LLARDFEKNY NMYIFPVHWQ FGQLDQHPID GYLSHTELAP LRAPLIPMEH CTTRFFETCD LDNDKYIALD EWAGCFGIKQ KDIDKDLVI H HHHHH

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Precautions

SPARC Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09486)