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

SPARC Mouse

Secreted Protein Acidic & Rich in Cysteine Mouse Recombinant
RCP2216

Product Overview

Name	SPARC Mouse
Description	
Secreted Protein Acidic & Rich in Cysteine Mouse Recombinant	
Accession (Primary)	P07214
Synonyms	
Osteonectin, ON, Basement-membrane protein 40, BM-40, SPARC, Secreted Protein acidic and Rich in Cysteine	

Introduction

Secreted Protein Acidic & Rich in Cysteine (SPARC) protein is coded by the SPARC gene in humans. SPARC is a glycoprotein located in bones that binds to calcium. SPARC is produced by fibroblasts, capillary endothelial cells, platelets and macrophages, mainly in areas of tissue morphogenesis and remodelling. Asides from calcium, SPARC can also bind to collagen.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The SPARC solution (0.25mg/ml) contains 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 95.0% as determined by SDS-PAGE.

Amino acid sequence

APQQTEVAEE IVEEETVVEE TGVPVGANPV QVEMGEFEDG AEETVEEVVA DNPCQNHHCK HGKVCELDES NTPMCVCQDP TSCPAPIGEF EKVCSNDNKT FDSSCHFFAT KCTLEGTKKG HKLHLDYIGP CKYIAPCLDS ELTEFPLRMR DWLKNVLVTL YERDEGNNLL TEKQKLRVKK IHENEKRLEA GDHPVELLAR DFEKNYNMYI FPVHWQFGQL DQHPIDGYLS HTELAPLRAP LIPMEHCTTR FFETCDLDND KYIALEEWAG CFGIKEQDIN KDLVI HHHHH H

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

Precautions

SPARC Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P07214)