

Datasheet for ABIN934839 **SPARC Protein**



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Overview

Quantity:	50 µg
Target:	SPARC
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Purified native Human Osteonectin protein Protein Source: Human platelets
Purity:	> 95 % pure

Target Details

Target:	SPARC
Alternative Name:	Osteonectin (SPARC Products)
Background:	<p>Osteonectin is an acidic, noncollagenous glycoprotein originally isolated from fetal and adult bovine bone matrix. In vitro bovine bone osteonectin binds type I collagen, calcium ($kDa=3 \times 10^{-7}$ M) and hydroxyapatite ($kDa=8 \times 10^{-8}$ M) and has been shown to be a potent inhibitor of hydroxyapatite seeded crystal growth. In this context it has been suggested that osteonectin may play an important role in the regulation of bone metabolism by binding hydroxyapatite to collagen.</p> <p>Description: Human platelets.</p>
Molecular Weight:	32.7 kDa

Target Details

Pathways: [Autophagy](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 20 mM Tris, 150 M NaCl, pH 7.4.

Precaution of Use: Donor samples were tested and found to be negative for anti-HIV-1/2, HIV-1 antigen(s), HBsAg, STS, anti-HCV, anti-HBcore and anti-HTLV I & II. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.