

Native Bovine Osteonectin

Cat. No. SPARC-287B Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Bovine
Source	Bone
Form	20 mM Tris, 150 mM NaCl, pH 7.4
Molecular Mass	29000
Purity	>95% by SDS-PAGE. NOT tissue/cell culture grade. Not tested for endotoxin.
Characteristic	Extinction coefficient:8.0, Isoelectric point:5.5, Structure:Single chain, NH2 terminal acidic domain, cysteine rich serpin homology domain, 2 EF hand domains.
Storage	-80°C

GENE INFORMATION

Gene Name	SPARC secreted protein, acidic, cysteine-rich (osteonectin) [Bos taurus]
Official Symbol	SPARC
Synonyms	SPARC; ON; BM-40; osteonectinbasement-membrane protein 40; secreted protein acidic and rich in cysteine

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Gene ID	282077
mRNA Refseq	NM_174464
Protein Refseq	NP_776889
UniProt ID	P13213
Chromosome Location	chromosome: 7
Pathway	Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; ECM proteoglycans, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem
Function	calcium ion binding; extracellular matrix binding

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