

Native Bovine Osteonectin

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

SPECIFICATION

| | |
|-----------------------|---|
| 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 |
| Gene ID | 282077 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|----------------------------|---|
| 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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA