

## Product datasheet

# Natural Cow SPARC protein ab81753

### 概述

---

|      |                       |
|------|-----------------------|
| 产品名称 | Natural牛SPARC protein |
| 蛋白长度 | Full length protein   |

### 描述

---

|       |        |
|-------|--------|
| 性质    | Native |
| 来源    | Native |
| 氨基酸序列 |        |
| 种属    | Cow    |

### 技术指标

---

Our [Abpromise guarantee](#) covers the use of **ab81753** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|    |                  |
|----|------------------|
| 应用 | SDS-PAGE         |
| 纯度 | > 95 % SDS-PAGE. |
| 形式 | Liquid           |

### 制备和贮存

---

|        |   |
|--------|---|
| 稳定性和存储 | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.<br>Preservative: None<br>Constituents: 20mM Tris, 150mM Sodium chloride, pH 7.4 |
|--------|---|

### 常规信息

---

|    |   |
|----|---|
| 功能 | Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 8 Ca(2+) with a low affinity and an EF-hand loop that binds a Ca(2+) ion with a high affinity. |
|----|---|

|              |  |
|--------------|--|
| <b>序列相似性</b> | Belongs to the SPARC family.<br>Contains 1 EF-hand domain.<br>Contains 1 follistatin-like domain.<br>Contains 1 Kazal-like domain. |
| <b>发展阶段</b>  | Expressed at high levels in tissues undergoing morphogenesis, remodeling and wound repair.   |
| <b>细胞定位</b>  | Secreted > extracellular space > extracellular matrix > basement membrane. In or around the basement membrane.                     |

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors