

Product datasheet

Natural Cow SPARC protein ab81753

概述

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

描述

性质	Native
来源	Native

氨基酸序列

种属	Cow
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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. Preservative: None Constituents: 20mM Tris, 150mM Sodium chloride, pH 7.4
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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.
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序列相似性	Belongs to the SPARC family. Contains 1 EF-hand domain. Contains 1 follistatin-like domain. Contains 1 Kazal-like domain.
发展阶段	Expressed at high levels in tissues undergoing morphogenesis, remodeling and wound repair.
细胞定位	Secreted > extracellular space > extracellular matrix > basement membrane. In or around the basement membrane.

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