

Product datasheet

Native Human SPARC protein ab88565

1 Image

Description

<b>Product name</b>	Native Human SPARC protein
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Expression system</b>	Native
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Species</b>	Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab88565** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.242% Tris, 0.87% Sodium chloride
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General Info

<b>Function</b>	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>Sequence similarities</b>	Belongs to the SPARC family. Contains 1 EF-hand domain. Contains 1 follistatin-like domain.

Contains 1 Kazal-like domain.

**Developmental stage**

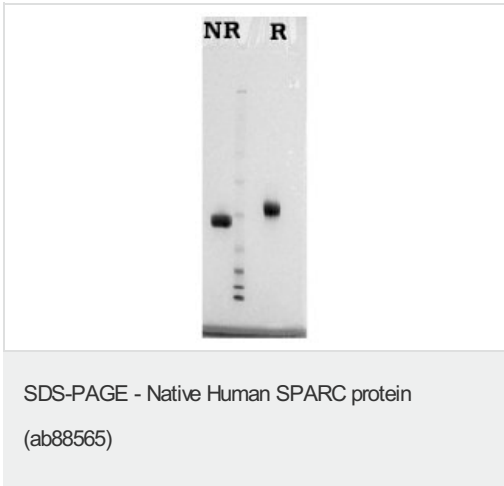
Expressed at high levels in tissues undergoing morphogenesis, remodeling and wound repair.

**Cellular localization**

Secreted > extracellular space > extracellular matrix > basement membrane. In or around the basement membrane.

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**Images**



4-12% SDS-PAGE analysis of Reduced and Non-reduced samples of ab88565 (1 µg).

Molecular weight markers: Myosin (191 kDa), Phosphorylase B (97 kDa), BSA (64 kDa), Glutamic Dehydrogenase (51 kDa), Alcohol Dehydrogenase (39 kDa), Carbonic Anhydrase (28 kDa), Myoglobin Red (19 kDa), Lysozyme (14 kDa)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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