

## Testican 1/SPOCK1 Protein, Human (sf9, His)

Cat. No.:	HY-P76654
Synonyms:	Testican-1; Protein SPOCK; TIC1; TICN1; SPOCK
Species:	Human
Source:	Sf9 insect cells
Accession:	Q08629 (M1-W439)
Gene ID:	6695
Molecular Weight:	Approximately 53 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The Testican 1/SPOCK1 protein is implicated in potentially playing a role in cell-cell and cell-matrix interactions, suggesting its involvement in fundamental cellular processes related to intercellular communication and adhesion. Additionally, Testican 1/SPOCK1 may contribute to various neuronal mechanisms in the central nervous system, indicating a potential role in the intricate processes that govern neuronal function. The specific mechanisms and contexts in which Testican 1/SPOCK1 operates in regulating cell interactions and neuronal processes remain areas of interest, underscoring its potential significance in cellular dynamics and neural function.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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