

Datasheet for ABIN7320656
SPOCK3 Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	SPOCK3
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPOCK3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Testican-3/SPOCK3 Protein (His Tag)
Sequence:	Ala23-Ile436
Characteristics:	Recombinant Mouse Testican-3 is produced by our Mammalian expression system and the target gene encoding Ala23-Ile436 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SPOCK3
Alternative Name:	Testican-3/SPOCK3 (SPOCK3 Products)
Background:	Background: Testican3, also called SPOCK3, is a secreted protein and make up a family of extracellular heparan/chondroitin sulfate proteoglycans. It contains 1 Kazal-like domain and 1 thyroglobulin type-1 domain. Testican3 contain inhibitory regions in several domains targeted

Target Details

to different classes of protease, and in some cases may act as protease inhibitors. In addition to their presence in testis, testicans are enriched in brain and have been shown to regulate neuronal attachment and outgrowth. It may participate in diverse steps of neurogenesis and Inhibits the processing of pro-matrix metalloproteinase 2 (MMP-2) by MT1-MMP and MT3-MMP. It also may interfere with tumor invasion.

Synonym: Testican-3,Spock3

Molecular Weight: 47.9 kDa

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

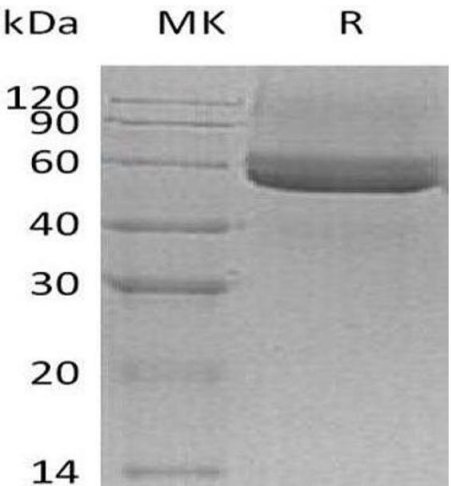
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.