

Recombinant Mouse Testican-3/SPOCK3 Protein(C-6His)

Cat.NO.: TP05144

3th Edition

Synonyms:Testican-3;Spock3

Description: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 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.

Form:PBS

Molecular Weight:47.9 kDa

Sequences:Ala23-Ile436

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.