

32-8396: Recombinant Mouse Testican-3/SPOCK3 (C-6His)

Gene : Spock3
Gene ID : 72902
Uniprot ID : Q8BKV0

Description

Source: Human Cells.
MW :47.9kD.

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. SPOCK3, also called Testican3, is a secreted protein and makes up a family of extracellular heparan/chondroitin sulfate proteoglycans. It contains 1 Kazal-like domain and 1 thyroglobulin type-1 domain and is mainly expressed in brain. SPOCK3 contains 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : AA AVAVAGGRSDGGNFLDEKQWLTTISQYDKEVGQWNKFRDEVEDDYFRTWNP GKPFDPALDPAKDPCLKT
KCSRHKVCITQDAQTALCISHRRLLTHSMKEVGGSHKQWRGLPSSTCKPCPIAYASPVCGSDGHSYSSQCKLEY
QACVLGKQISIKCEGRCPSPDKSMNIGRNVKRACSDLEFREVANRLRDWFKALHESGSQNKKTKALLRPERS
RFDTSLPICKDSLGMFNRDLDTNYDLLDQSELGSIYLDKNEQCTKAFFNSCDTYKDSLISNNEWCYCFQRQQ
DPPCHTELSNIQKRQGIKLLGQYIPLCDEDEGYKPTQCHGSGVCWCVDYRGNEVVGSRINGVADCAIDFEIS
GDFASGDFREWTDDEGEEDDIMNDKDDIEDDEDEGDDDDGDVHDGYIVDHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.