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Datasheet for ABIN1945405
SPOCK3 Protein (AA 23-436) (His tag)

Overview

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| Quantity: | 50 µg |
| Target: | SPOCK3 |
| Protein Characteristics: | AA 23-436 |
| Origin: | Mouse |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SPOCK3 protein is labelled with His tag. |

Product Details

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| Purpose: | Recombinant Mouse Testican-3/SPOCK3 (C-6His) |
| Sequence: | AAAVAVAGGR SDGGNFLDEK QWLTTSQYD KEVGQWNKFR DEVEDDYFRT WNP GKPFQQA LDP AKDPCLK TKCSRHKVCI TQDAQ TALCI SHRRLTHSMK EVGGSHKQWR GLPSSTCKPC PIAYASP VCG SDGHSYSSQC KLEYQACVLG KQISIKCEGR CPCPSDKSMN IGRNVKRACS DLEFREVANR LRDWFKALHE SGSQNKTKA LLRPERSRFD TSILPICKDS LGWMFNRLDT NYDLLLDQSE LGSYLDKNE QCTKAFFNSC DTYKDSLISN NEWCYCFQRQ QDPPCHTELS NIQKRQGIKK LLGQYIPLCD EDGYYKPTQC HGSVQCWCV DRYGNEVVG S RINGVADCAI DFEISGDFAS GDFREWTDDE GEEDDIMNDK DDIEDDDEDE GDDDDGDVH DGYIVDHHHH HH |
| Characteristics: | Recombinant Mouse Testican-3/SPOCK3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (AA 23-436) of Mouse SPOCK3 fused with a polyhistidine tag at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |

Product Details

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| Sterility: | 0.2 µm filtered |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test |

Target Details

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| Target: | SPOCK3 |
| Alternative Name: | SPOCK3 (SPOCK3 Products) |
| Background: | <i>SPOCK3, also called Testican3, 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 and mainly expressed in brain. SPOCK3 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.</i> |
| Molecular Weight: | 47.9 kDa |
| Pathways: | Glycosaminoglycan Metabolic Process |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Buffer: | Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. |
| Storage: | 4 °C/-20 °C/-80 °C |
| Storage Comment: | 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. |