

## 32-13454: SPOCK3 Mouse

**Alternative Name :** Testican-3, SPARC/osteonectin, CWCV, Kazal-like domains proteoglycan 3, Spock3.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Testican-3 (Spock3) is a nervous system-expressed heparan sulfate proteoglycan belonging to a subgroup of the BM-40/SPARC/osteonectin family, whose role of in brain development is unclear. Spock3 inhibits the processing of pro-matrix metalloproteinase 2(MMP-2) by MT1-MMP and MT3-MMP. Spock3 is mostly confined to the developmental stage of the brain. SPOCK3 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 423 amino acids (22-436 a.a.) and having a molecular mass of 47.9kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).SPOCK3 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** SPOCK3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :** AAAAVAVAGG RSDGGNFLDE KQWLTTISQY DKEVGQWNKF RDEVEDDYFR TWNPGKPFQD  
ALDPAKDPCL KTKCSRHKVC ITQDAQTALC ISHRRRLTHSM KEVGGSHKQW RGLPSSTCKP CPIAYASPVC  
GSDGHSYSSQ CKLEYQACVL GKQISIKCEG RCPCPSDKSM NIGRNVKRACSDLEFREVAN RLRDWFKALH  
ESGSQNKTK ALLRPERSRF DTSILPICKD SLGWWMFNRLD TNYDLLLDQS ELGSIYLDKN EQCTKAFFNS  
CDTYKDSLIS NNEWCYCFQR QQDPPCHTEL SNIQKRQGIK KLLGQYIPLC DEDGYKPTQ CHGSVGCWC  
VDRYGNEVVG SRINGVADCAIDFEISGDFA SGDFREWTDD EGEEDDIMND KDDIEDDDDED  
EGDDDDDDGDV HDGYILEHHH HHH