

Product datasheet for **TP727155**

Spock3 Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Mouse Testican-3/SPOCK3 (C-6His) |
| Species: | Mouse |
| Expression cDNA Clone or AA Sequence: | Ala23-Ile436 |
| Tag: | C-His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| Note: | 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. |
| Storage: | 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. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 72902 |
| UniProt ID: | Q8BKV0 |
| Synonyms: | Testican-3;Spock3 |
| Summary: | 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. |



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