# Saposin C 蛋白, Mouse (Sap C)

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|---|---|
| 种属： | Human Cells |
| 表达系统： | prokaryotic expression system |
| 标签： | not have |
| 同用名： | Sap C；Saposin C；SAP-C |
| 分子量： | 9.31 kDa |
| 纯度： | 95% HPLC |
| 储存条件: | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 100mM NaCl, pH7.4. |
| 备注: | This product can also offer other purities ranging from 75% to 98%<br>Dissolve the lyophilized protein in distilled water.<br>Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| 储存时间： | Lyophilized protein should be stored at ≤ -20° C, stable for one year after receipt.<br>Reconstituted protein solution can be stored at 2-8° C for 2-7 days.<br>Aliquots of reconstituted samples are stable at ≤ -20° C for 3 months. |
| 运输： | The product is shipped at ambient temperature.<br>Upon receipt, store it immediately at the temperature listed below. |





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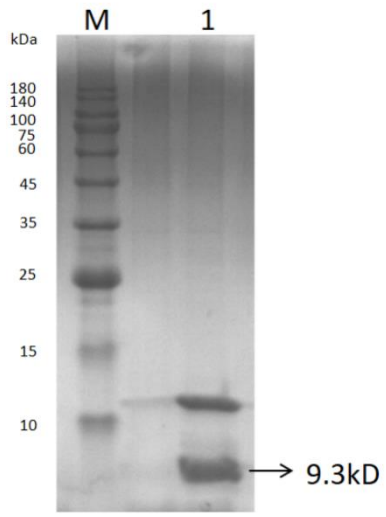
**背景:**

Sphingolipid activating protein C (SapC) is a member of the Saposin like protein superfamily. It promotes cell apoptosis by activating lysosomal enzymes to catalyze substrate generation of ceramides. SapC is composed of five helices, each with different functions. The notable feature of nanocapsules composed of SapC and Dioleoylphosphatidylserine (DOPS) under acidic conditions is their high affinity with microstructures rich in phosphatidylserine (PS). PS is abnormally exposed on the outer surface of tumor cells, and SapC DOPS can target and bind to PS to kill tumor cells. The blood-brain barrier permeable nanocapsule formulation composed of SapC and DOPS, also known as BXQ-350, is a drug with tumor targeted therapeutic effects and has entered phase 2 clinical trials.

**展示数据 ：**





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