

## SERPINB10 Protein, Mouse (sf9, His)

Cat. No.:	HY-P77196
Synonyms:	Serpin B10; Bomapin; Peptidase inhibitor 10; PI-10
Species:	Mouse
Source:	Sf9 insect cells
Accession:	Q8K1K6 (M1-P397)
Gene ID:	241197
Molecular Weight:	Approximately 44 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 8.0
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	SERPINB10 emerges as a notable protease inhibitor with potential regulatory roles in protease activities during hematopoiesis and apoptosis induced by TNF. This protein is suggested to modulate protease activities in both the cytoplasm and the nucleus, indicating its versatility in influencing key cellular processes. The precise mechanisms through which SERPINB10 contributes to the regulation of protease activities underscore its significance in cellular homeostasis and apoptotic pathways, particularly in the context of hematopoietic processes and TNF-induced responses.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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