

Serpin B6b Protein, Mouse (sf9, His)

Cat. No.:	HY-P76061
Synonyms:	NK13; Serine (Or cysteine) peptidase inhibitor, clade B, member 6B
Species:	Mouse
Source:	Sf9 insect cells
Accession:	O08804 (M1-P377)
Gene ID:	20708
Molecular Weight:	Approximately 43 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 7.0, 10% Glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The Serpin B6b Protein is a vital member of the serpin family, indicating its essential role as a serine protease inhibitor. As part of this family, Serpin B6b likely shares conserved structural and functional features with related proteins, signifying its involvement in regulating proteolytic activities. The classification within the serpin family underscores its specific designation within the broader context of serine protease inhibitors, offering insights into its unique mechanisms and substrate specificity. The study of Serpin B6b contributes to our understanding of its role in cellular processes related to proteolysis, providing potential applications in therapeutic interventions and a deeper comprehension of its broader impact on cellular processes involved in protein metabolism. Further exploration of Serpin B6b's role holds promise for enhancing our knowledge of its contributions to both normal physiology and pathological conditions.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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