

## Recombinant Mouse Tryptase Beta-2 (TPSB2), C-His

Cat. No.: AP2C755

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

### Product Overview

BioVenic's Recombinant Mouse Tryptase Beta-2 (TPSB2), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 30.9 kDa. The purity is >90%.

### Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	30.9 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

### Target Information

Mouse Tryptase Beta-2 (TPSB2) is a serine protease involved in immune responses and inflammation. In mice, TPSB2 is released by mast cells and influences allergic reactions and tissue repair. It plays a role in modulating immune cell activity and signaling. TPSB2 interacts with various substrates to regulate inflammatory processes and tissue remodeling. Its expression is induced in response to allergic and inflammatory stimuli, making it important in the pathogenesis of allergic diseases.

Protein	Mouse Tryptase Beta-2 (TPSB2)
Protein Synonym	Tryptase-2; Mast cell protease 6
Gene ID	<a href="#">17229</a>
UniProt ID	<a href="#">P21845</a>

### Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

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## **User Note**

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.