

Recombinant Mouse Granzyme A (Gzma), N-His

Cat. No.: AP4C256

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Granzyme A (Gzma), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 26.9 kDa. The purity is > 97%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	> 97%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	26.9 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Mouse Granzyme A (Gzma) is a serine protease predominantly expressed in cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells. It plays a crucial role in immune responses by inducing target cell death and regulating inflammation. Gzma is involved in various physiological processes and has been implicated in multiple diseases, including cancer and inflammatory conditions.

Protein	Mouse Granzyme A (Gzma)
Protein Synonym	Autocrine thymic lymphoma granzyme-like serine protease; CTLA-3; Fragmentin-1; T cell-specific serine protease 1; TSP-1
Gene ID	14938
EC No.	P11032

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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.