

Recombinant Canine Metalloproteinase Inhibitor 1 (TIMP1), C-His

Cat. No.: AP9F66

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Canine Metalloproteinase Inhibitor 1 (TIMP1), C-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 26.8 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	26.8 kDa
Physical State	Lyophilized
Formulation	10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4.

Target Information

TIMP metalloproteinase inhibitor 1 is encoded by the *TIMP1* gene in dogs. Research has shown that TIMP-1 concentration in canine amniotic membranes significantly decreased over a year storage time.

Protein	Canine Metalloproteinase Inhibitor 1 (TIMP1)
Protein Synonym	TIMP metalloproteinase inhibitor 1, TIMP-1, metalloproteinase inhibitor 1, tissue inhibitor of matrix metalloproteinase-1, tissue inhibitor of metalloproteinase 1
Gene ID	403816
UniProt ID	P81546

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water or other buffer to a concentration of 0.1-1 mg/mL. Aliquote the reconstituted solution to minimise 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.