



Zinc Metalloproteinase Adamalysin-2, Recombinant, Crotalus Adamanteus, aa1-203, His-tag

Catalog number

406068

Supplier

United States Biological

Has no significant hemorrhagic activity, but inactivates serpins by limited proteolysis of their reactive-site loops.

Source

Recombinant protein corresponding to aa1-203 from Crotalus Adamanteus zinc metalloproteinase Adamalysin-2, fused to His-tag at N-terminal, expressed in E. coli.

Molecular Weight

~27.1kD

AA Sequence

QQNLPQRYIELVVVADRRVFMKYNSDLNIIIRTRVHEIVNIINGFYRSLNIDVSLVNLEIWSGQDPLTIQSSSSNTLNSE
GLWREKVLNKKKKDNAQLLTAIEFKCETLGKAYLNSMCPNPRSSVGVKDHSPINLLVAVTMAHELGHNLGMEHDG
KDCLRGASLCIMRPGLTPGRSYEFSDDSMGYQKFLNQYKQCILNKP

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 6 months after receipt at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

Purity

~90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

27.1

Antigen Modification

Recombinant, E. coli



Reference

1. First structure of a snake venom metalloproteinase: a prototype for matrix metalloproteinases/collagenases." Gomis-Rueth F.-X., Kress L.F., Bode W. EMBO J. 12:4151-4157(1993).