

Antide

Antide Acetate
HRM0004

Product Overview

Name Antide

Description

Antide Acetate

Synonyms

Anthrax toxin receptor 2, ANT XR2, Capillary morphogenesis gene 2 protein, CMG-2, CMG2, m CMG2, HFS, ISH, JHF.

Introduction

Anthrax toxin receptor 2, also known as ANT XR2, takes part in the configuration of little blood vessels (capillaries). ANT XR2 helps the toxin that leads to anthrax to attach to cells and trigger illness. ANT XR2 is necessary for cellular interactions with laminin and the extracellular matrix.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The ANT XR2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS QEQPSCR RAFDLYFVLD KSGSVANNWI EIYNFVQQLA ERFVSPERMRL
SFIVFSSQAT IILPLTGDRG KISKGLEDLK RVSPVGETYI HEGLKLANEQ IQKAGGLKTS SIIALTDGK LDGLVPSYAE
KEAKISRSLG ASVYCVGVLD FEQAQLERIA DSKEQVFPVK GGFQALKGII NSILAQSCTE ILELQPSSVC
VGEEFQIVLS GRGFMLGSRN GSVLCTYTVN ETYTTSVKPV SVQLNSMLCP APILNKAGET LDVSVSFNGG
KSVISGSLIV TATECSN.

Precautions

Antide is for research use only and not for use in diagnostic or therapeutic procedures.