

# Antide

*Antide Acetate*  
**HRM0004**

## Product Overview

Name Antide

### Description

Antide Acetate

### Synonyms

Anthrax toxin receptor 2, ANTXR2, Capillary morphogenesis gene 2 protein, CMG-2, CMG2, m CMG2, HFS, ISH, JHF.

### Introduction

Anthrax toxin receptor 2, also known as ANTXR2, takes part in the configuration of little blood vessels (capillaries). ANTXR2 helps the toxin that leads to anthrax to attach to cells and trigger illness. ANTXR2 is necessary for cellular interactions with laminin and the extracellular matrix.

### Source

E.coli.

### Physical Appearance

Sterile Filtered colorless solution.

### Formulation

The ANTXR2 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 ERFVSPMEMRL SFIVFSSQAT IILPLTGDRG KISKGLEDLK RVSPVGETYI HEGLKLANEQ IQKAGGLKTS SIIIAITDGK LDGLVPSYAE KEAKISRSLG ASVYCVGVLD FEQAQLERIA DSKEQVFVVK GGFQALKGII NSILAQSCTE ILELQPSSVC VGEEFQIVLS GRGFMLGSRN GSVLCTYTVN ETYTTSVKPV SVQLNSMLCP APILNKAGET LDVSVSFNGG KSVISGSLIV TATECSN.

### Precautions

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