

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### Mouse BD-2

Purified Factor	Product Number	RC444718A	5.0 ug
		RC444718B	20.0 ug

#### DESCRIPTION:

Mouse Beta Defensins (BD-2) are proteins that exert anti-microbial activity in the innate immune system. These peptides are expressed on epithelial surfaces and some leukocytes. Beta Defensins incorporate three (3) intra-molecular disulfide bonds, containing a six-cysteine motif.

Mouse BD-2 is a 51 aa. protein with 5.5 kDa molecular weight.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Mouse BD-2  
Sterile-filtered and lyophilized from PBS

#### BIOLOGICAL ACTIVITY:

Not currently available.

#### HANDLING AND STORAGE:

Purified Mouse BD-2 factor is provided lyophilized. Store lyophilized, at -20° C. Microcentrifuge before reconstitution (see below). Upon reconstitution in 50 uL of **distilled** water, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C, with addition of 0.1% BSA, for long-term storage - up to 3 months, at high concentration.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

**RESEARCH USE ONLY -NOT for DRUG USE**

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