

**ANTIGENIX AMERICA Inc**  
**1-800-558-1008**  
**PRODUCT INFORMATION SUMMARY**

**Human Prokinecticin-2 (PK2)**

Purified Factor	Product Number	HC70050A	5 ug
	Product Number	HC70050B	20 ug

**DESCRIPTION:**

Human Prokinecticin-2 (PK2) is a protein secreted in the small intestine and testis that is cysteine-rich and closely related to EG-VEGF ( PK1). PK2 is believed to regulate circadian rhythms, angiogenesis, and gastrointestinal motility. PK-2 binds to PKR1 and PKR2 receptors. This polypeptide with molecular weight of 8.8 kDa, and 81 aa residues, contains ten cysteine residues with potential to form five pairs of intramolecular disulfide bonds.

**SOURCE:**

E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug PK2  
Sterile filtered, lyophilized, additive-free

**BIOLOGICAL ACTIVITY:**

Currently under testing.

**HANDLING AND STORAGE:**

Purified factor is provided lyophilized. Store lyophilized, at -20° C. Quick -spin and then reconstitute with distilled water to a concentration of 0.1 mg/mL, further dilute in buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**WARRANTY:**

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

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