

PEPTIDE

# KPV

C-terminal tripeptide of  $\alpha$ MSH; downregulates NF-B inflammatory cascade in epithelial cells via PepT1-mediated uptake.

BIOGATE · GREEN POSTERIOR 5.3% MW 412.5 3AA

SEQUENCE

KPV

Modifications:  $\alpha$ MSH C-terminal tripeptide

## PDA-V1 chain of custody

Outer hash

f800b215f700b082f600ae-  
eff500ad5cf400abc9f300aa36f200a8a3f100a710

Merkle root

4-  
b4003724c4005054940004c4a4001df473ffd26483ffeb9453ffa00463ffb93

Inputs

8009-  
bf957f09be027e09bc6f7d09badc7c09b9497b09b7b67a09b623790

TEE attestation

b87adcc0b97ade53ba7adfe6bb7ae179bc7ae30cbd7ae49fbe7ae632bf7ae7c5

## Living Outcome Oracle

$\pm$  4.4

$\sigma^2$  =78.3

**P(success) = 5.3%**

95% CI [0.0%, 17.3%]

## Seven-rule export gate

7 / 7 rules satisfied · audience: researcher · Full attestation set, raw posteriors, all hashes

- Grade A or B citation present on the core claim
- BioGate verdict is GREEN or AMBER (RED/BLACK refused)
- Jurisdiction permits the audience-appropriate use
- RWE summary attached when claim depends on outcome data
- Prediction-outcome pairs disclosed when posterior cited
- No human-use claim beyond cited indications
- COA registry lookup available for any synthesis claim

## Citations

GRADE B

2008 · Gastroenterology

**PepT1-mediated tripeptide KPV uptake reduces intestinal inflammation**

Dalmaso G et al.

PMID 18054553