

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Defensin α 4 (D27) Peptide

Cat No.: BS3497P

Background

Human neutrophil alpha-defensins (also designated HNPs) are small, cationic, cysteine-rich antimicrobial proteins that play important roles in innate immunity against infectious microbes such as bacteria, fungi and enveloped viruses. Alpha-defensins are synthesized as inactive precursors and are activated by proteolytic cleavage by MMP-7. Paneth cells in small intestinal crypts secrete the alpha-defensins, which are also termed cryptidins in mice. The cryptidin-4 gene is unique among the Paneth cell alpha defensins in that it is inactive in the duodenum, but expressed at maximal levels in the distal small bowel.

Swiss-Prot

P12838

Applications

Blocking

Specificity

This peptide can be used with studies using BS3497 Defensin α 4 (D27) pAb.

Purification & Purity

Synthetic peptide Defensin α 4 (D27). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.