

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Cleaved-KLK8 (V33) Peptide

Cat No.: BS7042P

Background

Kallikreins (KLKs) belong to the serine protease family of proteolytic enzymes. Kallikrein-8 (KLK8), also called neuropsin precursor, ovasin or serine protease 19, is a 260 amino acid secreted protein involved in hippocampal plasticity. Two isoforms exist for this protein. Isoform 1 is the primary form of KLK8 found predominantly in the pancreas. Isoform 2 contains an additional 46 amino acids after amino acid 23 and is predominantly expressed in adult brain and hippocampus. Isoform 2 is not common to the mouse homolog or other primate homologs. In humans, the T to A mutation (c.71-127T>A) leads to the splice variant seen in the human brain. Both isoforms are detected in fetal brain and placenta. In some cancer cells, KLK8 expression can suppress tumor cell invasiveness and lead to a favorable clinical outcome.

Swiss-Prot

O60259

Applications

Blocking

Specificity

This peptide can be used with studies using BS7042 Cleaved-KLK8 (V33) pAb.

Purification & Purity

Synthetic peptide Cleaved-KLK8 (V33). (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.