

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cathepsin D (K345) Peptide

Cat No.: BS3673P

#### Background

The cathepsin family of proteolytic enzymes contains several diverse classes of proteases. The cysteine protease class comprises cathepsins B, L, H, K, S, and O. The aspartyl protease class is composed of cathepsins D and E. Cathepsin G is in the serine protease class. Most cathepsins are lysosomal and each is involved in cellular metabolism, participating in various events such as peptide biosynthesis and protein degradation. Cathepsins may also cleave some protein precursors, thereby releasing regulatory peptides. The promoter region of the cathepsin D gene contains five Sp1 binding sites and four AP-2 binding sites.

#### Swiss-Prot

P07339

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3673 Cathepsin D (K345) pAb.

#### Purification & Purity

Synthetic peptide Cathepsin D (K345). (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.