

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Cathepsin E (I292) Peptide

Cat No.: BS3446P

#### Background

Cathepsin E is an intracellular aspartic protease of the pepsin family, which is structurally highly homologous to the lysosomal aspartic protease cathepsin D. Cathepsin E is less abundant than Cathepsin D and has a more limited distribution, which includes lymphoid tissues, gastrointestinal tract tissue, blood cells, microglia and activated B lymphocytes. It is not expressed in resting B lymphocytes. Cathepsin E may have a role in immune function. It is most likely involved in the processing of antigenic peptides during MHC class II-mediated antigen presentation. It may also play a role in activation-induced lymphocyte depletion in the thymus, and in neuronal degeneration and glial cell activation in the brain.

#### Swiss-Prot

P14091

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3446 Cathepsin E (I292) pAb.

#### Purification & Purity

Synthetic peptide Cathepsin E (I292). (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.