

**Recombinant Mouse Cathepsin E Protein**

**Cat.NO.: TP06196**

3th Edition

**Synonyms:**Cathepsin E; ctse;

**Description:**Cathepsin E is encoded by the ctse gene, exists in the homodimer forms, belongs to the peptidase A1 family. Cathepsin E high expressed in the stomach, clara cells and alveolar macrophages of lung, brain microglia, spleen and activated B-lymphocytes. Cathepsin E may involve in the processing of antigenic peptides during MHC class II-mediated antigen presentation, play a role in activation-induced lymphocyte depletion in the thymus, and in neuronal degeneration and glial cell activation in the brain.

**Form:**PBS

**Molecular Weight:**37.0 kDa

**Sequences:**Met 1-Pro 397

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.