

## 32-7960: Recombinant Mouse Cathepsin E/CTSE (C-6His)(Discontinued)

**Gene :** Ctse  
**Gene ID :** 13034  
**Uniprot ID :** P70269

### Description

Source: Human Cells.  
MW :37kD.

Recombinant Mouse Cathepsin E is produced by our Mammalian expression system and the target gene encoding Ser60-Pro397 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 6His) / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** SCNVYSSVNEPLINYLDMEYFGTISIGTPPQNFTVIFDTGSSNLWVPSVYCTSPACKAHPVFHPSQSDTYTEVGN  
HFSIQYGTGSLTGIIADQVSVEGLTVDGQQFGESVKEPGQTFVNAEFDGILGLGYPSLAAGGVTPVFDNMMA  
QNLVALPMFSVYLSSDPQGGSGSELTFGGYDPSHFSGSLNWIPVTKQAYWQIALDGIQVGDVTFMFCSEGCQAI  
VDTGTSLITGPPDKIKQLQEAGATPIDGEYAVDCATLDTMPNVTFLINEVSYTLNPTDYILPDLVEGMQFCGSGF  
QGLDIPPPAGPLWILGDVFIRQFYSVFDRGNNQVGLAPAVPVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.