

Datasheet for ABIN7320713

Cathepsin E Protein (CTSE) (AA 60-397) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Cathepsin E (CTSE)
Protein Characteristics:	AA 60-397
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin E protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Cathepsin E/CTSE Protein (aa 60-397, His Tag)
Sequence:	Ser60-Pro397
Characteristics:	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.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Cathepsin E (CTSE)
Alternative Name:	Cathepsin E/CTSE (CTSE Products)
Background:	Background: Cathepsin E is encoded by the ctse gene, exists in the homodimer forms, belongs

Target Details

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.

Synonym: Cathepsin E, ctse, CE

Molecular Weight: 37.0 kDa

NCBI Accession: [NP_031825](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

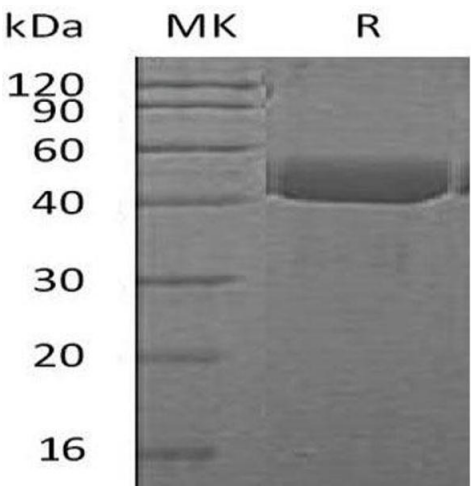
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.