

Recombinant Human CTSE

Catalog No: #GP10255



Package Size: #GP10255-1 100ug

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Description

Product Name	Recombinant Human CTSE
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 57-367 amino acids of human Cathepsin E
Target Name	Cathepsin E
Other Names	CATE
Accession No.	Swissprot:P14091Gene Accession:BC042537
Uniprot	P14091
GeneID	1510;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase C1 family, has a specificity similar to that of pepsin A and cathepsin D. It is an intracellular proteinase that does not appear to be involved in the digestion of dietary protein and is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach. It is the first aspartic proteinase expressed in the fetal stomach and is found in more than half of gastric cancers. It appears, therefore, to be an oncofetal antigen. Transcript variants utilizing alternative polyadenylation signals and two transcript variants encoding different isoforms exist for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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