

CTSL 抗原（重组蛋白）

中文名称：CTSL 抗原（重组蛋白）

英文名称：CTSL Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 114-288 amino acids of human CTSL

技术规格

Full name:	cathepsin L
Synonyms:	MEP; CATL; CTSL1
Swissprot:	P07711
Gene Accession:	BC012612
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a lysosomal cysteine protease that plays a major role in intracellular protein catabolism. Its substrates include collagen and elastin, as well as alpha-1 protease inhibitor, a major controlling element of neutrophil elastase activity. The encoded protein has been implicated in several pathologic processes, including myofibril necrosis in myopathies and in myocardial ischemia, and in the renal tubular response to proteinuria. This protein, which is a member of the peptidase C1 family, is a dimer composed of disulfide-linked heavy and light chains, both produced from a single protein precursor. Multiple alternatively spliced

transcript variants have been found for this gene.