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32-9674: Recombinant Mouse Cathepsin L/CTSL (C-6His)

Alternative Name : Cathepsin L1, Major excreted protein, p39 cysteine proteinase, Ctsl1,

Description

Source : Human Cells;
Mouse Cathepsin L is a lysosomal cysteine proteinase which is a member of the peptidase C1 family. This protein is a dimer composed of disulfide-linked heavy and light chains, both produced from a single protein precursor. Cathepsin L 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. Cathepsin L has been implicated in several pathologic processes, including myofibril necrosis in myopathies and in myocardial ischemia, and in the renal tubular response to proteinuria.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0

Amino Acid : Recombinant Mouse Cathepsin L is produced by our Mammalian expression system and the target gene encoding Thr18-Asn334 is expressed with a 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.