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32-7366: Recombinant Human Cathepsin L/CTSL (C-6His)

Gene : CTSL
Gene ID : 1514
Uniprot ID : P07711

Description

Source: Human Cells.
MW :36.88kD.
Recombinant Human Cathepsin L is produced by our Mammalian expression system and the target gene encoding Thr18-Val333 is expressed with a 6His tag at the C-terminus. Cathepsin L is an enzyme. Cathepsin L, a lysosomal endopeptidase expressed in most eukaryotic cells, is a member of the papain-like family of cysteine proteinases. Cathepsin L plays a major role in antigen processing, tumor invasion and metastasis, bone resorption, and turnover of intracellular and secreted proteins involved in growth regulation. Unlike the precursor forms of other papain family members, the 43 kDa pro-cathepsin L itself is secreted from various cells. Pro-cathepsin L is the major excreted protein of malignantly transformed mouse fibroblasts and is also one of the major acidic cysteine proteases in mammalian cells.

Product Info

Amount : 10 μg / 50 μg
Content : Supplied as a 0.2 μm filtered solution of 20mM HAc-NaAc, 150mM NaCl, pH 4.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : TLTFDHSLEAQWTKWKAMHNRLYGMNEEGWRRAVWEKNVKMIELHNQEYREGKHSFTMAMNAFGDMTSEEFRQVMNGFQNRKPRKGKVFQEPLFYEAPRSVDWREKGYVTPVKNQGQCGSCWAFSATGALEGQMFRKTGRLISLSEQNLVDCSGPQGNEGCNGGLMDYAFQYVQDNGGLDSEESYPYEATEESCKYNPKYSVANDTGFVDIPKQEKALMKAVATVGPISVAIDAGHESFLFYKEGIYFEPDCSSEDMDHGVLVVGYGFESTESDNNKYWLVKNSWGEEWGMGGYVKMAKDRRNHCGIASAASYPTVVDHHHHHH

Application Note

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

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