9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-7758: Recombinant Human Pro-Cathepsin H/CTSH (C-6His)(Discontinued)

Gene : CTSH
Gene ID : 1512
Uniprot ID : P09668

Description

Source: Human Cells.
MW :36.19kD.
Recombinant Human Cathepsin H is produced by our Mammalian expression system and the target gene encoding Ala23-Val335 is expressed with a 6His tag at the C-terminus. Pro-Cathepsin H (CTSH) is a lysosomal cysteine proteinase that belongs to the peptidase C1 family. CTSH is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. CTSH is important for the overall degradation of proteins in lysosomes. CTSH hydrolyzes lysosomal proteins, acting as an aminopeptidase (notably, cleaving Arg-|-Xaa bonds) as well as an endopeptidase. Increased expression of CTSH has been correlated with malignant progression of prostate tumors.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	AELSVNSLEKFHFKSWMSKHRKTYSTEEYHHRLQTFASNWRKINAHNNGNHTFKMALNQFSDMSFAEIKHKYL WSEPQNCSATKSNYLRGTGPYPPSVDWRKKGNFVSPVKNQGACGSCWTFSTTGALESAIAIATGKMLSLAEQ QLVDCAQDFNNHGCQGGLPSQAFEYILYNKGIMGEDTYPYQGKDGYCKFQPGKAIGFVKDVANITIYDEEAMV EAVALYNPVSFAFEVTQDFMMYRTGIYSSTSCHKTPDKVNHAVLAVGYGEKNGIPYWIVKNSWGPQWGMNGY FLIERGKNMCGLAACASYPIPLVVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.