

32-6715: CTSZ Mouse

Alternative Name : Cathepsin Z, CTSZ.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

Cathepsin-Z (CTSZ) is a lysosomal cysteine proteinase and member of the peptidase C1 family. CTSZ, which has been also known as cathepsin X and cathepsin P, exhibits carboxy-monopeptidase and carboxy-dipeptidase activities. CTSZ is expressed ubiquitously in cancer cell lines and primary tumors and, similar to other members of this family, takes part in tumorigenesis.

CTSZ produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 292 amino acids (23-306a.a.) and having a molecular mass of 32.8kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). CTSZ is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95% as determined by SDS-PAGE.

Content : CTSZ protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Amino Acid : ARARLYFRSG QTCYHPIRGD QLALLGRRTY PRPHEYLSPA DLPKNWDWRN VNGVNYASVT
RNQHYPQYCG SCWAHGSTSA MADRINIKRK GAWPSILLSV QNVIDCGNAG SCEGGNDLPV
WEYAHKHGIP DETCNYYQAK DQDCDKFNQC GTCTEFKECH TIQNYTLWRV GDYGSLSGRE
KMMAEIYANG PISCGIMATE MMSNYTGGIY AEHQDQAVIN HIISVAGWGV SNDGIEYWIV
RNSWGEPWGE KGWMRIVTST YKGGTGDSYN LAIESACTFG DPIVLEHHHH HH.