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32-2238: CTSZ Recombinant Protein

Alternative Name : Cathepsin Z preproprotein,Cathepsin Z,CTSX,Cathepsin P,Cathepsin X,CTSZ,Cathepsin-Z.

Description

Source : Escherichia Coli. CTSZ Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 265 amino acids (62-303) and having a molecular mass of 29.5kDa.CTSZ is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CTSZ solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSLPKSWDW RNVDGVNYAS ITRNQHIPQY CGSCWAHAST SAMADRINIK RKGAWPSTLL SVQNVIDCGN AGSCEGGNDL SVWDYAHQHG IPDETCNNYQ AKDQECDKFN QCGTCNEFKE CHAIRNYTLW RVGDYGSLSG REKMMAEIYA NGPISCGIMA TERLANYTGG IYAEYQDTTY INHVVSVAGW GISDGTEYWI VRNSWGEPWG ERGWLRIVTS TYKDGKGARY NLAIEEHCTF GDPIV.Normal0falsefalsefalseEN-USX-NONEHE-->

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