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CTSZ, 62-303aa, Human, His tag, E.coli

产品货号: TP01785

第三版

别名: Cathepsin Z preproprotein, Cathepsin Z, CTSX

描述: CTSZ is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved in tumorigenesis. At least two transcript variants of this gene have been found, but the full-length nature of only one of them has been determined. Recombinant human CTSZ protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量: 29.5 kDa (265aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSLPKSWDWRNVDGVNYASITRNQHIPQYCGSCWAHASTSAMADRINIKRKGAWPS
TLLSVQNVIDCGNAGSCEGGNDLSVWDYAHQHGIPEDETCNNYQAKDQECDFNQCCTCNEFKECHAIRNYTLWRVG
DYGSLSGREKMMAEIYANGPISCGIMATERLANYTGGIYAEYQDTTYINHVVSVAGWGISDGTTEYWIVRNSWGEPWGER
GWLRIVTSTYKDGKGARYNLAIEEHCTFGDPIV

纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.