

Cathepsin-Z Human Recombinant

Item Number	rAP-0884
Synonyms	Cathepsin Z preproprotein, Cathepsin Z, CTSX, Cathepsin P, Cathepsin X, CTSZ, Cathepsin-Z.
Description	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.
Uniprot Accesion Number	Q9UBR2
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLPKSWDW RNVGVNYAS ITRNQHIPQY CGSCWAHAST SAMADRINIK RKGAWPSTLL SVQNVIDCGN AGSCEGGNDL SVWDYAHQHG IPDETCNNYQ AKDQECDKFN QCGTCNEFKE CHAIRNYTLW RVGDYGSLSG REKMMAEIYA NGPISCGIMA TERLANYTGG IYAEYQDTTY INHVVSVAGW GISDGTEYWI VRNSWGEPWG ERGWLRLIVTS TYKDGKGARY NLAIEE-HCTF GDPIV.Normal0falsefalsefalseEN-USX-NONEHE-->
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CTSZ solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**