

# Human CTSZ Recombinant Protein



RPPB1525

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## Product Information    Protein Information

**Product SKU:**

RPPB1525

**Accession:**

Q9UBR2

**Host:**

Escherichia Coli.

**Protein 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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Cathepsin Z preproprotein, Cathepsin Z, CTSX, Cathepsin P, Cathepsin X, CTSZ, Cathepsin-Z.

**Formulation:**

The CTSZ solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SGLVPRGSH MGSLPKSWDW RNVDGVNYAS ITRNQHIPQY CGSCWAHAST SAMADRINIK  
RKGAWPSTLL SVQNVIDCGN AGSCEGGNDL SVWDYAHQHG IPDETCNNYQ AKDQECDFN QCGTCNEFKE  
CHAIRNYTLW RVGDYGSLSG REKMMAEIIYA NGPISCGIMA TERLANYTGG IYAEYQDTTY INHVSVAGW  
GISDGTEYWI VRNSWGEPWG ERGWLRIVTS TYKDGKGARY NLAIEEHCTF GDPIV.