



# Recombinant Human Cathepsin Z (CTSZ)

<b>Product Code</b>	CSB-EP006206HU-B
<b>Abbreviation</b>	CTSZ
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UBR2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LPKSWDWRN VDGVNYASIT RNQHIPPQYCG SCWAHASTSA MADRINIKRK GAWPSTLLSV QNVIDCGNAG SCEGGNDLSV WDYAHQHGIP DETCNINYQAK DQECDKFNQC GTCNEFKECH AIRNYTLWRV GDYGSLSGRE KMMAEIYANG PISCGIMATE RLANYTGGIY AEYQDTTYIN HVVSVAGWGI SDGTEYWIVR NSWGEPWGER GWLRIVTSTY KDGKGARYNL AIEEHCTFGD PIV
<b>Source</b>	E.coli
<b>Target Names</b>	CTSZ
<b>Protein Names</b>	Recommended name: Cathepsin Z EC= 3.4.18.1 Alternative name(s): Cathepsin P Cathepsin X
<b>Expression Region</b>	62-303
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.