

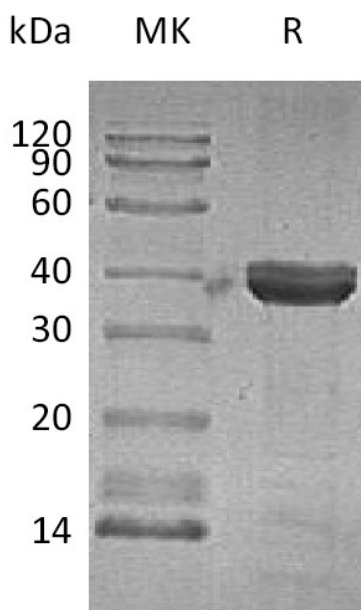
Product Name: Recombinant Human CTSZ (C-6His)
Catalog #: PHH0249



Summary

Name	Cathepsin Z/X/P
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cathepsin Z is produced by our Mammalian expression system and the target gene encoding Gly24-Val303 is expressed with a 6His tag at the C-terminus.
Accession #	Q9UBR2
Host	Human Cells
Species	Human
Predicted Molecular Mass	32.51 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 4mM HCl.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

Cathepsin Z; Cathepsin P; Cathepsin X; CTSZ

Background

Cathepsin Z is a lysosomal cysteine proteinase and belongs to the peptidase C1 family. Human Cathepsin Z contains a signal sequence, a propeptide and a mature chain. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. In contrast to cathepsin B, it does not act as an endopeptidase. Cathepsin Z is restricted to the cells of the immune system, predominantly monocytes, macrophages and dendritic cells. It is expressed ubiquitously in cancer cell lines and primary tumors. Like other members of this family, Cathepsin Z may be involved in tumorigenesis.

Note

For Research Use Only , Not for Diagnostic Use.