

Cathepsin Z, mouse recombinant
CTSZ, A1787083, AU019819, CTSX, D2Wsu143e
Catalog # PBV11477r

Specification

Cathepsin Z, mouse recombinant - Product info

Primary Accession	NP_071720
Concentration	0.5 mg/ml
Calculated MW	This protein is fused with a 6× His tag at C-terminus and has a calculated MW of 32.8 kDa. The protein migrates as 28-40 kDa in SDS-PAGE under reducing conditions. KDa

Cathepsin Z, mouse recombinant - Additional Info

Other Names

CTSZ, A1787083, AU019819, CTSX, D2Wsu143e

Gene Source	Mouse
Source	Baculovirus, Insect cell
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A; ≥90%
Recombinant	Yes
Sequence	ARARLYFRSG QTCYHPIRGD QLALLGRRTY PRPHEYLSPA DLPKNWDWRN VNGVNYASVT RNQHIPPQYCG SCWAHGSTSA MADRINIKRKGAWPSILLSV QNVIDCGNAG SCEGGNDLPV WEYAHKHGIP DETCNNYQAK DQDCDKFNQC GTCTEFKECH TIQNYTLWRV GDYGSLSGREKMMAEIYANG PISCGIMATE MMSNYTGGIY AEHQDQAVIN HIISVAGWGV SNDGIEYWIV RNSWGEPWGE KGWMRIVTST YKGGTGDSDYNLAIESACTFG DPIVLEHHHH HH

Target/Specificity

CTSZ

Application Notes

In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Format

Liquid

Storage

-20°C; Liquid

Cathepsin Z, mouse recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cathepsin Z, mouse recombinant - Images

Cathepsin Z, mouse recombinant - Background

CTSZ, also known as cathepsin Z/X, is a relatively new cysteine protease of the papain family. Compared to other members of the papain family, CTSZ has a short proregion and unique insertions. Acting as a carboxypeptidase, CTSZ displays a unique specificity. Recombinant mouse CTSZ, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.