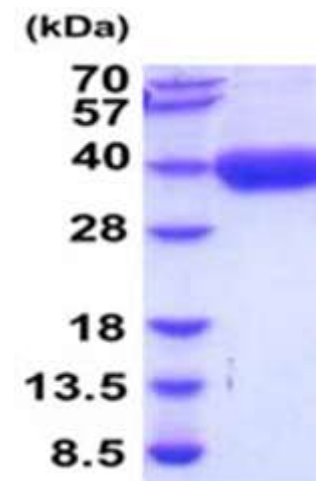


## Cathepsin Z, mouse recombinant

<b>CATALOG NO:</b>	9233-10 9233-25	10 µg 25 µg
<b>ALTERNATE NAMES:</b>	CTSZ, AI787083, AU019819, CTSX, D2Wsu143e	
<b>CONCENTRATION:</b>	0.5mg/ml (determined by Absorbance at 280nm)	
<b>SOURCE:</b>	Insect cell (aa. 23-306)	
<b>PURITY:</b>	> 95% by SDS – PAGE	
<b>MOL. WEIGHT:</b>	This protein is fused with 6x His tag at C terminus and the protein has a calculated MW of 32.8kDa (292aa). The predicted N-terminus is Ala23. The protein migrates as 28-40kDa in SDS–PAGE under reducing conditions.	
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1µg of protein (determined by LAL method)	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.	
<b>STORAGE CONDITIONS:</b>	Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid repeated freezing and thawing cycles.	
<b>SEQUENCE:</b>	ARARLYFRSG QTCYHPIRGD QLALLGRRTY PRPHEYLSPA DLPKNWDWRN VNGVNYASVT RNQHIPPQYCG SCWAHGSTSA MADRINIKRK GAWPSILLSV QNVIDCGNAG SCEGGNDLPV WEYAHKHGIP DETCNNYQAK DQDCDKFNQC GTCTEFKECH TIQNYTLWRV GDYGSLSGRE KMMAEIYANG PISCGIMATE MMSNYTGGIY AEHQDQAVIN HIISVAGWGV SNDGIEYWIV RNSWGEPWGE KGWMRIVTST YKGGTGDSYN LAIESACTFG DPIVLEHHHH HH	
<b>DESCRIPTION:</b>	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.	



Mouse recombinant Cathepsin Z

### RELATED PRODUCT:

- Cathepsin B, Active, human recombinant (**Cat. No. 7580-50**)
- Cathepsin D, Active, human recombinant (**Cat. No. 9229-50**)
- Cathepsin K, Active, human recombinant (**Cat. No. 7600-50**)
- Cathepsin L, human recombinant (**Cat. No. 1135-100**)
- Cathepsin S, Active, human recombinant (**Cat. No. 7526-50**)
- Human CellExp™ Cathepsin B, human recombinant (**Cat. No. 7408-10**)
- Human CellExp™ Cathepsin D, human recombinant (**Cat. No. 7409-10**)
- Human CellExp™ Cathepsin L1, human recombinant (**Cat. No. 7410-10**)
- Human CellExp™ Cathepsin S, human recombinant (**Cat. No. 7277-10**)
- Cathepsin S Activity Fluorometric Assay Kit (**Cat. No. K114-100**)
- Cathepsin S (human) ELISA Kit (**Cat. No. K7277-100**)
- Cathepsin E Activity Assay Kit (Fluorometric) (**Cat. No. K165-100**)
- Cathepsin D Activity Fluorometric Assay Kit (**Cat. No. K143-100**)
- Cathepsin B Activity Fluorometric Assay Kit (**Cat. No. K140-100**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**