

Cathepsin A, mouse recombinant**Ctsa, Cathepsin A, AU019505, PPCA, Ppgb, lysosomal protective protein isoform b**
Catalog # PBV11517r**Specification**

Cathepsin A, mouse recombinant - Product infoPrimary Accession [P16675](#)
Calculated MW **52.4 kDa KDa****Cathepsin A, mouse recombinant - Additional Info**Gene ID **19025****Other Names**

Ctsa, Cathepsin A, AU019505, PPCA, Ppgb, lysosomal protective protein isoform b

Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE;> 90%
Recombinant	Yes
Sequence	APDQDEIDCL PGLAKQPSFR QYSGYLRA SKHFHYWFVE SQNDPKNSPV VLWLN SSLDGLLTEH GPFLIQPDGV TLEYN LIANVLYIES PAGVGFSYSD DKMYVT VAENNYEALK DFFRLFPEYK DNKLFL YAGIYIPTLA VLVMQDPSMN LQGLAV ASYEQNDNSL VYFAYYHGLL GNRLW HCCAQNKCNE YDNKDPECVN NLLEV KSGLNINLY APCAGGVPGR HRYEDTL DFGNIFTRL P LKRRFPEALM RSGDK PCTNTTAPSN YLNNPYVRKA LHIPES DMCNFLVNLQ YRRLYQSMNS QYLKLL YQILLYNGDV DMACNFMGDE WFDVSL EVQRRPWLVD YGESGEQVAG FVKECS LTIKGAGHMV PTDKPRAAFT MFSRFL YVEHHHHHH

Target/Specificity

Ctsa

Format

Liquid

Storage

-70°C;In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Cathepsin A, 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 A, mouse recombinant - Images

Cathepsin A, mouse recombinant - Background

CTSA, also known as lysosomal protective protein isoform b, is a component of the lysosomal multienzyme complex along with beta-galactosidase and sialidase Neu1. It is a multicatalytic enzyme with

deamidase and esterase in addition to carboxypeptidase activities. Recombinant mouse CTSA, fused to His-tag at

C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.