

Datasheet for ABIN5709361

Cathepsin K Protein (CTSK) (AA 115-329) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Cathepsin K (CTSK)
Protein Characteristics:	AA 115-329
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin K protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	VPDSIDYRKK GYVTPVKNQG QCGSCWAFSS AGALEGQLKK KTGKLLALSP QNLVDCVTEN YGCGGGYMTT AFQYVQNGG IDSEDAYPYV GQDESCMYNA TAKAAKCRGY REIPVGNEKA LKRAVARVGP ISVSIDASLA SFQFYSRGVY YDENCARDNV NHAVLVVGYG TQKGSKHVII KNSWGESWGN KGYALLARNK NNACGITNMA SFPKM
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Cathepsin K (CTSK)
Alternative Name:	CATK (CTSK Products)
Background:	Closely involved in osteoclastic bone resorption and may participate partially in the disorder of

Target Details

bone remodeling. Displays potent endoprotease activity against fibrinogen at acid pH . May play an important role in extracellular matrix degradation .

Molecular Weight: 27.5 kDa

UniProt: [P55097](#)

Pathways: [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

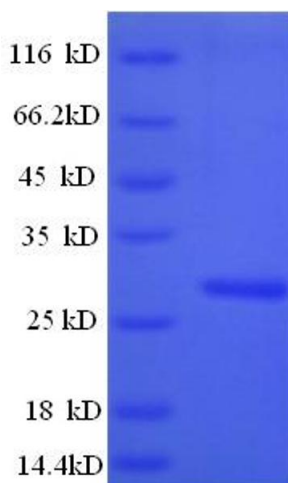
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.