

Datasheet for ABIN5713386

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:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin K protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	APDSVDYRKK GYVTPVKNQG QCGSCWAFSS VGALEGQLKK KTGKLLNLSP QNLVDCVSEN DGCGGGYMTN AFQYVQKNRG IDSEDAYPYV GQEESCMYNP TGKAAKCRGY REIPEGNEKA LKRAVARVGP VSVDAIDSLT SFQFYSKGVY YDESCNSDNL NHAFLAVGYG IQKGNKHWII KNSWGENWGN KGYILMARNK NNACGIANLA 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: 25.5 kDa

UniProt: [P43235](#)

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

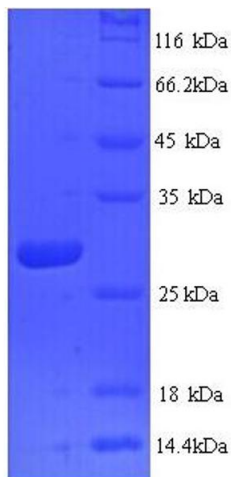
Concentration: 0.1-2 mg/mL

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.