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Datasheet for ABIN7505089

Cathepsin K Protein (CTSK) (AA 115-329) (His tag)

Overview

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

Product Details

Sequence:	Ala 115-Met 329
Characteristics:	A DNA sequence encoding the Human CTSK protein (P43235) (Ala 115-Met 329) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Cathepsin K (CTSK)
Alternative Name:	CTSK (CTSK Products)
Background:	<p>Background: Thiol protease involved in osteoclastic bone resorption and may participate partially in the disorder of bone remodeling. Displays potent endoprotease activity against fibrinogen at acid pH . May play an important role in extracellular matrix degradation.</p> <p>Synonym: CTSK,CTS02,CTSO,CTS01,CTS02,PKND,PYCD</p>

Target Details

Molecular Weight:	23.54 kDa
UniProt:	P43235
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months