Datasheet for ABIN5712209

Cathepsin D Protein (CTSD) (AA 67-403, partial) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Cathepsin D (CTSD)
Protein Characteristics:	AA 67-403, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin D protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	IPEVLKNYMD AQYYGEIGIG TPPQCFTVVF DTGSSNLWVP SIHCKLLDIA CWIHHKYNSD KSSTYVKNGT SFDIHYGSGS LSGYLSQDTV SVPCQSASSA SALGGVKVER QVFGEATKQP GITFIAAKFD GILGMAYPRI SVNNVLPVFD NLMQQKLVDQ NIFSFYLSRD PDAQPGGELM LGGTDSKYYK GSLSYLNVTR KAYWQVHLDQ VEVASGLTLC KEGCEAIVDT GTSLMVGPVD EVRELQKAIG AVPLIQGEYM IPCEKVSTLP AITLKLGGKG YKLSPEDYTL KVSQAGKTLC LSGFMGMDIP PPSGPLWILG DVFIGRYYTV FDRDNNR
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Cathepsin D (CTSD)

Target Details

Alternative Name:	CATD (CTSD Products)
Background:	Acid protease active in intracellular protein breakdown. Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.
Molecular Weight:	40.9 kDa
UniProt:	P07339
Pathways:	Peptide Hormone Metabolism

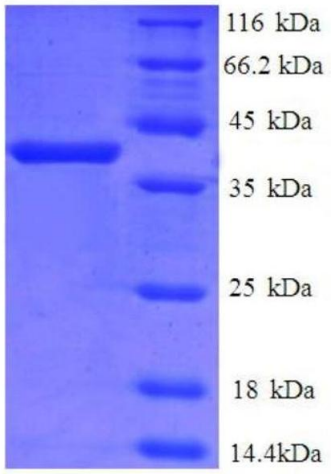
Application Details

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.