

Product datasheet

Recombinant Human Cathepsin W protein ab158238

1 Image

Description

Product name	Recombinant Human Cathepsin W protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> IRGPLRAQDLGPQPLELKEAFKLFQIQFNRSYLSPEEH AHRLDIFAHNLA QAQRLQEEDLGTAIEFGVTPFSDLTEEEFGQLYGYRRA AGGVPSMGREIRS EEPEESVPFSCDWRKVAGAIPIKDQKNCNCCWAMA AAGNIETLWRISFW DFVDVSVQELLDGRCGDGCHGGFVWDAFITVLNNS GLASEKDYPFQGV RAHRCHPKKYQKVAWIQDFIMLQNNHRIAQYLATYGPI TVTINMKPLQL YRKGVIKATPTTCDPQLVDHSVLLVGFVSVKSEEGWA ETVSSQSQPQP HPTPYWILKNSWGAQWGEKGYFRLHRGSNTCGITKFP LTARVQKPDMPKPR VSCPP </pre>
Amino acids	22 to 376
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158238** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	ELISA
Form	Liquid

Additional notes

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Closely 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.

Tissue specificity

Predominantly expressed in osteoclasts (bones).

Involvement in disease

Pycnodysostosis

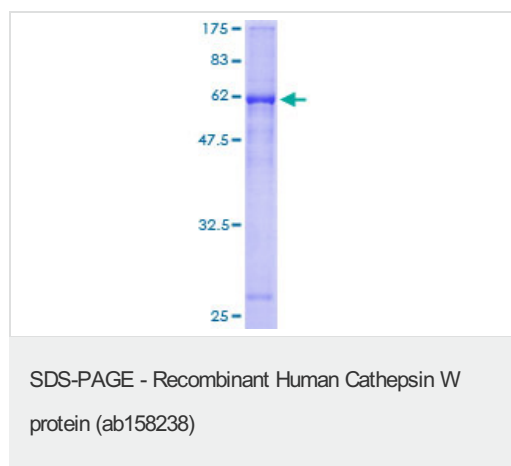
Sequence similarities

Belongs to the peptidase C1 family.

Cellular localization

Lysosome.

Images



ab158238 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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