

Recombinant Rat Cathepsin K protein (His tag) ab235712

1 图像

描述	
产品名称	重组大鼠Cathepsin K蛋白(His tag)
纯度	> 90 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>O35186</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Rat
序列	VPDSIDYRKKGYVTPVKNQGQCGSCWAFSSAGALEGQLKKKT GKLLALSP QNLVDCVSENYGCGGGYMTTAFQYVQQNGGIDSEDAYPYVGQ DESCMYNA TAKAAKCRGYREIPVGNEKALKRAVARVGPVSVSIDASLTSF QFYSRGVY YDENCDRDNVNHAVLVVGYGTQKGNKYWIIKNSWGESWGNKG YVLLARNK NNACGITNLASFPM
预测分子量	28 kDa including tags
氨基酸	115 to 329
标签	His tag N-Terminus
额外的序列信息	N-terminal 6xHis-tagged. Full length mature chain without signal peptide and without propeptide.

技术指标	
Our Abpromise guarantee covers the use of ab235712 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE
形式	Liquid

制备和贮存	
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稳定性和存储

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

常规信息

功能

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.

组织特异性

Predominantly expressed in osteoclasts (bones).

疾病相关

Defects in CTSK are the cause of pycnodysostosis (PKND) [MIM:265800]. PKND is an autosomal recessive osteochondrodysplasia characterized by osteosclerosis and short stature.

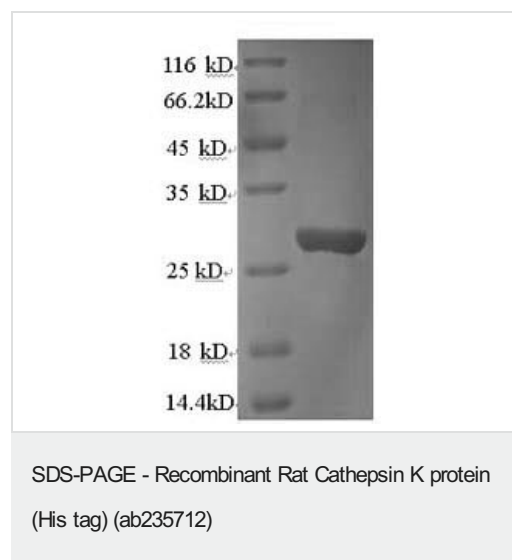
序列相似性

Belongs to the peptidase C1 family.

细胞定位

Lysosome.

图片



(Tris-glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel of ab235712.

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

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