abcam

Product datasheet

Human Cathepsin K peptide ab97980

概述

产品名称 人Cathepsin K肽

描述

性质 Synthetic

技术指标

Our Abpromise guarantee covers the use of **ab97980** in the following tested applications.

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

纯度 70 - 90% by HPLC.

形式 Liquid

补充说明 *- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.*
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

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 osteclasts (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.

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit http://www.abcam.cn/abpromise or contact our technical team.

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