

Recombinant human TIMP2 protein ab82117

1 References

描述	
产品名称	重组人TIMP2蛋白
生物活性	TIMP2 activity was measured by its ability to inhibit human MMP1 induced hydrolysis of a chromogenic peptide substrate at room temperature. Half maximal inhibition was obtained at a TIMP2 concentration of approximately 0.5 µg/ml, when using an MMP1 concentration of 1.6 µg/ml.
纯度	> 95 % SDS-PAGE. Purity is greater than 95% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
表达系统	Escherichia coli
Accession	P16035
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	CSCSPVHPQ QAFCNADVVI RAKAVSEKEV DSGNDIYGNP IKRIQYEIKQ IKMFKGPEKD IEFIYTAPSS AVCGVSLDVG GKKEYLIAGK AEGDGKMHIT LCDFIVPWDT LSTTQKKSLN HRYQMGCECK ITRCPMIPCY ISSPDECLWM DWVTEKNING HQAFFACIK RSDGSCAWYR GAAPPKQEFL DIEDP
氨基酸	2 to 220

技术指标	
Our Abpromise guarantee covers the use of ab82117 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 Functional Studies
形式	Lyophilized
补充说明	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex (can be stored at 4C for up to 1 week). For extended storage, it is recommended to further dilute in a buffer containing a carrier protein

(example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

制备和贮存

稳定性和存储

Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶

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常规信息

功能

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.

序列相似性

Belongs to the protease inhibitor I35 (TIMP) family.
Contains 1 NTR domain.

翻译后修饰

The activity of TIMP2 is dependent on the presence of disulfide bonds.

细胞定位

Secreted.

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

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