

Recombinant Human MMP28 protein (denatured) ab177646

1 图像

描述	
产品名称	重组人MMP28蛋白(denatured)
纯度	> 90 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>Q9H239</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMG SFAKQGNKWKQHLSYRLVN WPEHLPEP AVRGAVRAAFQLWSNVSALEFWEAPATGPADIRLTFFQGDHN DGLGNAFD GPGGALAHAFLLPRRGEAHFDQDERWSLSRRRGRNLFVVLAHE IGHTLGLT HSPAPRALMAPYYKRLGRDALLSWDDVLAVQSLYGKPLGGSV AVQLPGKL FTDFETWDSYSPQRRPETQGPKYCHSSFDAITVDRQQQLYI FKGSHFWE VAADGNVSEPRPLQERWVGLPPNIEAAVSLNDGDFYFFKGG RCWRFRGP KPVWGLPQLCRAGGLPRHPDAALFFPPLRRLILFKGARYYVL ARGGLQVE PYYPRSLQDWGGIPEEVSGALPRPDGSIIFFRDDRYWRLDQA KLQATTSG RWATELPWMG CWHANSGSALF
预测分子量	47 kDa including tags
氨基酸	123 to 520
标签	His tag N-Terminus
额外的序列信息	Mature form. NP_077278.

技术指标

Our **Abpromise guarantee** covers the use of **ab177646** 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

稳定性和存储 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 10% Glycerol (glycerin, glycerine), 2.4% Urea, 0.32% Tris HCl

常规信息

功能 Can degrade casein. Could play a role in tissues homeostasis and repair.

组织特异性 Expressed at high levels in testes and lung. Low levels are detected in kidney, pancreas and skin. Also expressed in fetal lung, brain, skeletal muscle and kidney. Expressed selectively in keratinocytes. Widely expressed in several carcinomas as well. Is up-regulated in response to injury in the skin.

序列相似性 Belongs to the peptidase M10A family.

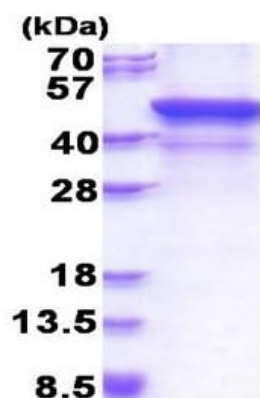
Contains 4 hemopexin-like domains.

结构域 The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.

翻译后修饰 The precursor is cleaved by a furin endopeptidase.

细胞定位 Secreted > extracellular space > extracellular matrix.

图片



15% SDS-PAGE analysis of ab177646 (3µg).

SDS-PAGE - Recombinant Human MMP28 protein
(denatured) (ab177646)

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

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