

Datasheet for ABIN7505286

**MMP28 Protein (AA 131-389) (His tag)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	MMP28
Protein Characteristics:	AA 131-389
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP28 protein is labelled with His tag.

## Product Details

Sequence:	Try131-Lys389
Characteristics:	A DNA sequence encoding the Human MMP28 protein (Q9H239) (Try131-Lys389) was expressed with a C-HIS,N-HIS.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	MMP28
Alternative Name:	MMP28 ( <a href="#">MMP28 Products</a> )
Background:	Abbreviation: MMP28 Target Synonym: Matrix metalloproteinase-28,MMP28,Epilysin,MMP25 Background: Epilysin, also known as matrix metalloproteinase-28 (MMP-28), is a secreted protein that belongs to the peptidase M10A family. Matrix metalloproteinase proteins are

## Target Details

responsible for the breakdown of the extracellular matrix which is important for normal physiological processes such as tissue remodeling, reproduction and embryonic development. Epilysin is produced by proliferating keratinocytes and is responsible for mediating the degradation of casein. Its expression is upregulated in response to injury of the skin suggesting that Epilysin may be involved in tissue repair and homeostasis.

Molecular Weight:      Calculated MW: 28.38 kDa  
Observed MW: 32 kDa

UniProt:                      [Q9H239-1](#)

## Application Details

Restrictions:                      For Research Use only

## Handling

Format:                              Lyophilized

Buffer:                              Lyophilized from sterile PBS, pH 7.4.  
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage:                              4 °C, -20 °C, -80 °C

Storage Comment:                      Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date:                              12 months