## Human MMP-26/Endometase recombinant protein

Catalog Number: 500678

## General Information

## Gene Name Synonym

Endometase; Matrilysin-2

## Protein Construction

A DNA sequence encoding the human MMP26 (NP_068573.2) (Thr90-Pro261) was expressed and purified with an initial Met.

## Organism

Human

## Expression Host

E. coli

## QC Testing

## Activity

Measured by its ability to cleave the fluorogenic peptide substrate, Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg-NH2.
The specific activity is $>60 \mathrm{pmol} / \mathrm{min} / \mu \mathrm{g}$.

## Purity

> $90 \%$ as determined by SDS-PAGE

## Endotoxin

Please contact us for more information.

## Stability

Samples are stable for up to twelve months from date of receipt at $-70^{\circ} \mathrm{C}$

## Predicted N terminal

## Molecular Mass

The recombinant human MMP26 consists of 173 amino acids and predicts a molecular mass of 19.6 kDa . It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile 50 mM Tris, 2 mM CaCl2, pH 7.8.

1. $5 \%$ trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

## Storage

Store it under sterile conditions at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Adding sterile water, prepare a stock solution of $0.25 \mathrm{mg} / \mathrm{ml}$. Concentration is measured by UV-Vis.

## SDS-PAGE



[^0]
[^0]:    Human MMP-26 / Matrix metalloproteinase-26
    Protein SDS-PAGE

