

## Recombinant Human MMP26 protein(Thr90-Pro261)

**Cat. No.** MMP26-338H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MMP26 (NP_068573.2) (Thr90-Pro261) was expressed and purified in E. coli with an initial Met.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr90-Pro261
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 2 mM CaCl <sub>2</sub> , pH 7.8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg-NH <sub>2</sub> . The specific activity is > 60 pmol/min/μg.
<b>Molecular Mass</b>	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.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** MMP26 matrix metalloproteinase 26 [ Homo sapiens ]

**Official Symbol** MMP26

**Synonyms** MMP26; matrix metalloproteinase 26; matrix metalloproteinase 26; matrix metalloproteinase-26; endometase; matrilysin 2; MGC126590; MGC126592; MMP-26; matrilysin-2;

**Gene ID** 56547

**mRNA Refseq** NM\_021801

**Protein Refseq** NP\_068573

**MIM** 605470

**UniProt ID** Q9NRE1

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