

Active Recombinant Human MMP26 protein

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

SPECIFICATION

Product Overview	Active Recombinant Human MMP26 protein(NP_068573.2) (Thr90-Pro261) was expressed and purified in E.coli with an initial Met.
Species	Human
Source	E.coli
ProteinLength	90-261 aa
Form	Lyophilized from sterile 50 mM Tris, 2 mM CaCl ₂ , pH 7.8.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg-NH ₂ . The specific activity is > 60 pmol/min/μg.
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.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

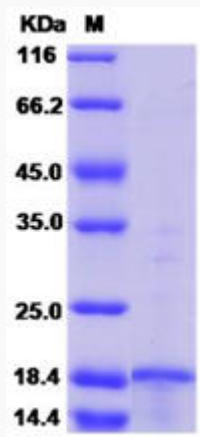
Gene Name	MMP26 matrix metalloproteinase 26 [Homo sapiens]
Official Symbol	MMP26
Synonyms	MMP26; matrix metalloproteinase 26; matrix metalloproteinase 26; matrix metalloproteinase-26; endometase; matrilysin 2; MGC126590; MGC126592; MMP-26; matrilysin-2;
Gene ID	56547
mRNA Refseq	NM_021801
Protein Refseq	NP_068573
MIM	605470
UniProt ID	Q9NRE1

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SDS-PAGE



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