

Recombinant Human MMP26 Protein, GST-tagged

Cat. No. MMP26-5430H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MMP26 partial ORF (NP_068573, 152 a.a. - 261 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The encoded protein degrades type IV collagen, fibronectin, fibrinogen, casein, vitronectin, alpha 1-antitrypsin, alpha 2-macroglobulin, and insulin-like growth factor-binding protein 1, and activates MMP9 by cleavage. The protein differs from most MMP family members in that it lacks a conserved C-terminal protein domain. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	SFWQWAHEDGWPFDPGGILGHAFLPNSGNPGVVHFDKNEHWSASDTGYNLFLV ATHEIGHSLGLQHSGNQSSIMYPTYWYHDPRTFQLSADDIQRHQHLYGEKCSSDIP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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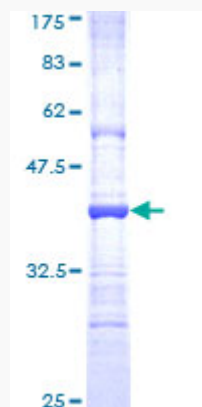
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MMP26 matrix metallopeptidase 26 [Homo sapiens]
Official Symbol	MMP26
Synonyms	MMP26; matrix metallopeptidase 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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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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