

## Recombinant Human MMP1 protein(111-290 aa), N-MBP & C-His-tagged

**Cat. No.** MMP1-2535H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MMP1 protein(P03956)(111-290 aa), fused with N-terminal MBP tag and C-terminal His tag, was expressed in E. coli.                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 111-290 aa                                                                                                                                                                                           |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                     |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                    |
| <b>Reconstitution</b>   | 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.                        |
| <b>AA Sequence</b>      | QTHLTYRIENYTPDLPRADV DHAIEKAFQLWSNV TPLTFTKVSE GQADIMISFVRGDH<br>RDNSPFDGPGGNLAHAFQPGPGIGGDAHFDEDERWTNNFREYNLHRVAAHELGH S<br>LGLSHSTDIGALMYPSTYFSGDVQLAQDDIDGIQAIYGRSQNPVQPIGPQTPKACDS<br>KLTFDAITTI |

### GENE INFORMATION

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MMP1 matrix metalloproteinase 1 (interstitial collagenase) [ Homo sapiens ]                                                                                                                                                                   |
| <b>Official Symbol</b> | MMP1                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | MMP1; matrix metalloproteinase 1 (interstitial collagenase); CLG, matrix metalloproteinase 1 (interstitial collagenase); interstitial collagenase; fibroblast collagenase; matrix metalloproteinase 1; matrix metalloproteinase 1; CLG; CLGN; |
| <b>Gene ID</b>         | 4312                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001145938                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_001139410                                                                                                                                                                                                                                  |
| <b>MIM</b>             | 120353                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>      | P03956                                                                                                                                                                                                                                        |

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