

## Recombinant Human MMP8 protein, His&Myc-tagged

Cat. No. MMP8-1243H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MMP8 protein(P22894)(101-467aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 101-467aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 49.4 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

LTPGNPKWERTNLTYRIRNYTPQLSEAEVERAIKDAFELWSVASPLIFTRISQGEADI  
 NIAFYQRDHGDNSPFDGPNGLAHAFQPGQGIGGDAHFDAEETWTNTSANYNLFLV  
 AAHEFGHSLGLAHSSDPGALMYPNYAFRETSNYSLPQDDIDGIQAIYGLSSNPIQPT  
 GPSTPKPCDPSLTFDAITTLRGEILFFKDRYFWRHPQLQRVEMNFI SLFWPSLPTGI  
 QAAYEDFDRDLIFLFKGNQYWALSGYDILQGYPKDISNYGFPSSVQAIDAAVFYRSK  
 TYFFVNDQFWRYDNQRQFMEPGYPKISISGAFFGIESKVDAVFQQEHFFHVFSGPRY  
 YAFDLIAQRVTRVARGNKWLNCRYG

**GENE INFORMATION**

**Gene Name** [MMP8 matrix metalloproteinase 8 \(neutrophil collagenase\) \[ Homo sapiens \]](#)

**Official Symbol** [MMP8](#)

**Synonyms** MMP8; matrix metalloproteinase 8 (neutrophil collagenase); CLG1, matrix metalloproteinase 8 (neutrophil collagenase); neutrophil collagenase; PMNL collagenase; matrix metalloproteinase-8; matrix metalloproteinase 8 (neutrophil collagenase); HNC; CLG1; MMP-8; PMNL-CL;

**Gene ID** [4317](#)

**mRNA Refseq** [NM\\_002424](#)

**Protein Refseq** [NP\\_002415](#)

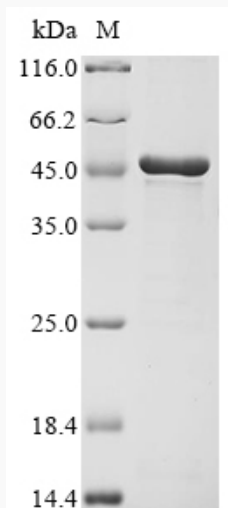
**MIM** [120355](#)

**UniProt ID** [P22894](#)

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**SDS-PAGE**

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