

## Recombinant human MMP1 protein

Catalog#:AC83738    Derived from E.coli

<b>DESCRIPTION</b>	Recombinant Human MMP1 protein is produced by our E.coli expression system with His tag. Uniprot: P03956 Gene ID: 4312
<b>Size</b>	38 kDa
<b>FORMULATION</b>	Lyophilized from a 0.2 µm filtered solution of Urea, Tris-HCl, PH 8.0.
<b>SHIPPING</b>	The product is shipped at -20°C temperature. Upon receipt, store it immediately at the temperature listed below.
<b>STORAGE</b>	Reconstituted protein solution can be stored at 4-7°C for 2-3 months, stable at < -20°C for 1-2 years.
<b>RECONSTITUTION</b>	Reconstituted proteinsolution can be diluted with distilled PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>QUALITY CONTROL</b>	(Liquid)Concentration: 1 mg/mL as determined by BCA. Purity: 90% as determined by reducing SDS-PAGE.
<b>AMINOACID</b>	Recombinant protein is produced by our E.coli expression system and the target gene encoding 120-469aa is expressed with a 6*His tag at the N-terminus.
<b>BACKGROUND</b>	Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity.

