

# Recombinant Human MMP-7 Protein

Catalog No.: RP01770LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	4316	P09237

### Tags

C-hFc

### Synonyms

MMP-7; MP5L1; PUMP-1

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
45.09 kDa	35-40 kDa

**Endotoxin**  
< 0.001 EU/μg

### Formulation

Supplied as a 0.22 μm filtered solution in 10mM HEPES 150mM NaCl 10%glycerol PH7.5.

### Reconstitution

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

Matrix metalloproteinase-7 (MMP-7) also known as neutrophil collagenase and CLG1 is a member of matrix metalloproteinases (MMPs) family which degrade components of the extracellular matrix (ECM) and play essential roles in various physiological processes as well as pathological processes. MMP-7 may affect the metastatic behavior of breast cancer cells through protection against lymph node metastasis, underlining the importance of anti-target identification in drug development. MMP-7 in the tumor may have a protective effect against lymph node metastasis.

## Basic Information

### Description

Recombinant Human MMP-7 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Tyr97-Lys267) of human MMP7 (Accession #NP\_002414.1) fused with and a hFc tag at the C-terminus.

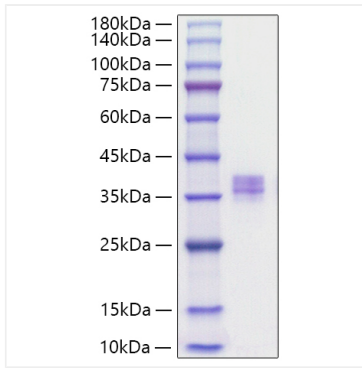
### Bio-Activity

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human MMP7/MPSL1/PUMP1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-40 kDa.