

Recombinant Human MMP7/MPSL1/PUMP1 Protein

Catalog No.: RP01770LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	4316	P09237

Tags

C-hFc

Synonyms

MMP-7; MPSL1; PUMP-1

Product Information

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

Endotoxin
< 0.001 EU/μg

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

Reconstitution

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 MMP7/MPSL1/PUMP1 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

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.

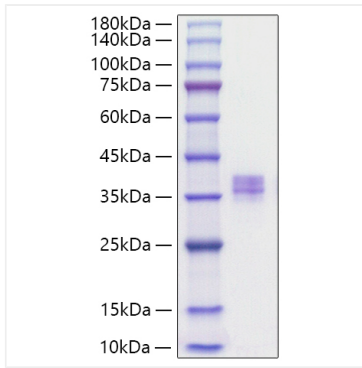
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Validation Data



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