Recombinant Human MMP-7 Protein

Catalog No.: RP01770LQ

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Sequence Information

Species
Human

Gene ID
4316

Swiss Prot
P09237

Tags
C-hFC-6His

Synonyms
MMP7, MPSL1, PUMP1,Matrilysin, Matrix metalloproteinase-7, MMP-7

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
45.09 kDa

Observed MW
35-40 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

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 MMP-7 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Tyr95-Lys267) fused with hFC-6His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

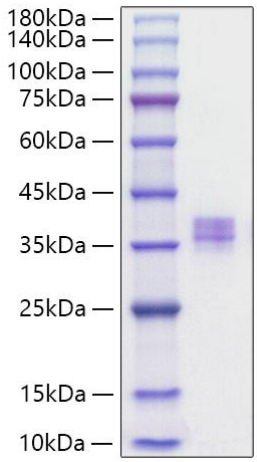
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human MMP-7 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.