

MMP-7 active protein

MMP-7 (catalytic domain) (human), (recombinant)

CATALOG #
AAA77046

HOST
E Coli

PRODUCT SYNONYMS

MMP-7; MMP-7 (catalytic domain) (human); (recombinant); MMP-7 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% (SDS-PAGE) Purified by multi-step chromatography
Form/Format	Liquid. In 50mM TRIS, 5mM CaCl ₂ , 300mM NaCl, 20uM ZnCl ₂ , 0.5% Brij-35, and 30% glycerol
Concentration	0.5 mg/ml (varies by lot)
Source Note	Active Matrix Metalloproteinase-7 (MMP-7, matrilysin, pump) catalytic domain from human cDNA. The enzyme consists of the catalytic domain of human MMP-7 (Tyr95-Lys267) with a C-terminal purification tag
Activity	119.23 pmole/min/uL
Specific Activity	238.45 pmole/min/ug at 37 degree C using the MMP substrate (chromogenic), Ac-Pro-Leu-Gly-[2-mercapto-4-methyl-pentanoyl]-Leu-Gly-OEt
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	For long term storage, store at -80 degree C Avoid freeze/thaw cycles Shipping: Shipped on Dry Ice

ADDITIONAL INFORMATION

Product Categories/Family for MMP-7 active protein	Cellular Analysis; Cell Organelles & Structures; Proteostasis; Proteolysis & Protein Degradation
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P09237
Molecular Weight	20.4kDa
UniProt Protein Name	Matrilysin
UniProt Gene Name	MMP7
UniProt Synonym Gene Names	MPSL1; PUMP1; MMP-7
UniProt Entry Name	MMP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.