

Pitrilysin Metalloproteinase 1 (MP1) Recombinant Protein | MP1 recombinant protein

Recombinant Pitrilysin Metalloproteinase 1 (MP1)

CATALOG # AAA134728	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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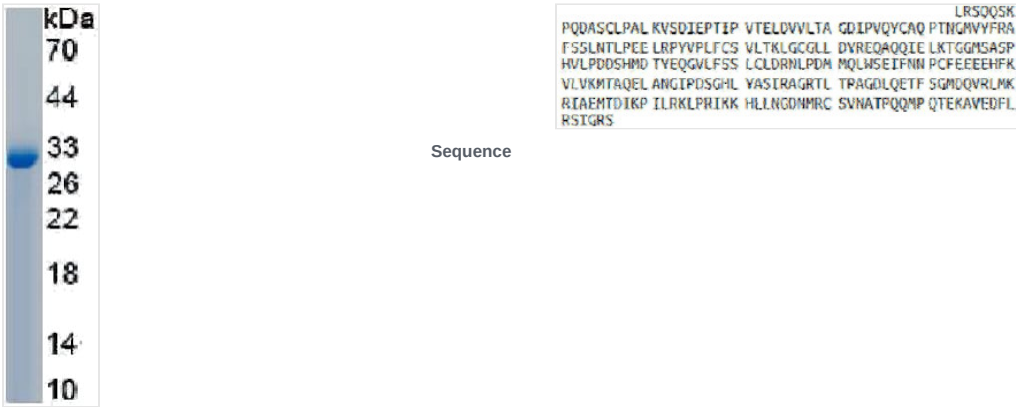
PRODUCT SYNONYMS

Pitrilysin Metalloproteinase 1 (MP1); Recombinant Pitrilysin Metalloproteinase 1 (MP1); MP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for MP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu544~Ser806
Tags	N-terminal His Tag
Subcellular Location	Secreted
Trait	Freeze-dried powder
Predicted isoelectric point	5.9
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085248
NCBI GeneID	10531
NCBI Accession #	NP_001229236.1
NCBI GenBank Nucleotide #	NM_001242307.1
UniProt Accession #	Q5JRX3; O95204; Q2M2G6; Q4VBR1; Q5JRW7; Q7L5Z7; Q9BSI6; Q9BVJ5; B3KMJ6; B4E0J8; C9JSL2; E7ES23
Molecular Weight	Predicted Molecular Mass: 30.7kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	presequence protease, mitochondrial isoform 1
NCBI Official Synonym Full Names	pitrilysin metallopeptidase 1
NCBI Official Symbol	PITRM1
NCBI Official Synonym Symbols	MP1; PreP
NCBI Protein Information	presequence protease, mitochondrial; PreP peptidasome; pitrilysin metalloproteinase 1; metalloprotease 1 (pitrilysin family)
UniProt Protein Name	Presequence protease, mitochondrial
UniProt Gene Name	PITRM1
UniProt Synonym Gene Names	KIAA1104; MP1; hPreP; Metalloprotease 1; hMP1
UniProt Entry Name	PREP_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.