

Matrix Metalloproteinase 10 Recombinant Protein | MMP10 recombinant protein

Recombinant Matrix Metalloproteinase 10 (MMP10)

CATALOG # AAA144091	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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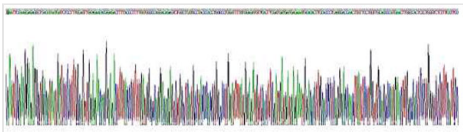
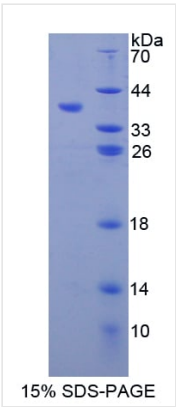
PRODUCT SYNONYMS

Matrix Metalloproteinase 10; Recombinant Matrix Metalloproteinase 10 (MMP10); MMP10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for MMP10 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Glu154~Ser472
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in ddH ₂ O 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



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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EGEADIN ISFAVGEHGD FYFDPGPGQS LAHAYPPGPG FYGDVHFDDG  
EKWTLAPSGT NLFVAAHEL GHSLGLFHSO KKESLMYPVY RFSTSPANFH  
LSQDDIEGIQ SLYGAGPSSD ATVVVPLSVS PRPETPKCD PALSFDVSST  
LRGEVLFFKD RYFWRSSHWN PEPEFHLISA FWPTLPDLD AAYEAHNTDS  
VLIFKGSQFW AVRGNEVQAG YPKGIHTLGF PPTVKKIDAA VFEKEKKKTY  
FFVGDKYWRP DETRHVMDKG FPRQITDDFP GIEPQDAVL HEFGFFYFFR  
GSSQFEFDPN ARTVTILKS NS
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Sequence

ADDITIONAL INFORMATION

Related Product Information for MMP10 recombinant protein

Predicted Molecular Mass: 39.7kDa
Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30583723
NCBI GeneID	4319
NCBI Official Full Name	matrix metalloproteinase 10 (stromelysin 2)
NCBI Official Synonym Full Names	matrix metalloproteinase 10
NCBI Official Symbol	MMP10
NCBI Official Synonym Symbols	SL-2; STMY2
NCBI Protein Information	stromelysin-2
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	MMP10
UniProt Synonym Gene Names	STMY2; SL-2; MMP-10
UniProt Entry Name	MMP10_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.