

Matrix Metalloproteinase 7 (MMP7) Recombinant Protein | MMP7 recombinant protein

Recombinant Matrix Metalloproteinase 7 (MMP7)

CATALOG # AAA135533	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

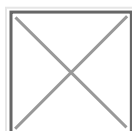
PRODUCT SYNONYMS

Matrix Metalloproteinase 7 (MMP7); Recombinant Matrix Metalloproteinase 7 (MMP7); MMP7 recombinant protein

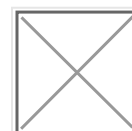
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsesque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-MQ LTLFCFVCLL PGHLALPLSQ EAGDVSAHQW EQAQNYLRKF YPHDSKTKKV NSLVDNLKEM QKFFGLPMTG KLSPYIMEIM QKPRCGVPDV AEYSLMPNSP KWHSRIVTYR IVSYTSDLPR IVVDQIVKKA LRMWSMQIPL NFKRVSWGTA DIIIGFARRD HGDSFPFDGP GNTLGHAFAF GPGLGGDAHF DKDEYWDGE DAGVNFLFAA THEFGHSLGL SHSSVPGTVM YPTYQRDYSE DFSLTKDDIA GIQKLYGKRN TL
Sequence Length	264
Applicable Applications for MMP7 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Met1-Leu264 (Accession # Q10738) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Secreted, extracellular space, extracellular matrix
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	7.3
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1705981
NCBI GeneID	17393
UniProt Accession #	Q10738
Molecular Weight	33.6kDa
NCBI Official Full Name	Matrilysin
NCBI Official Synonym Full Names	matrix metalloproteinase 7
NCBI Official Symbol	Mmp7
NCBI Official Synonym Symbols	MAT
NCBI Protein Information	matrilysin; MMP-7; matrin; pump-1 protease; matrilysin, uterine; uterine metalloproteinase; matrix metalloproteinase 7; matrix metalloproteinase-7
UniProt Protein Name	Matrilysin
UniProt Gene Name	Mmp7
UniProt Synonym Gene Names	MMP-7
UniProt Entry Name	MMP7_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mmp7-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135533>