

Matrix Metalloproteinase 3 (MMP3) Recombinant Protein | MMP3 recombinant protein

Recombinant Matrix Metalloproteinase 3 (MMP3)

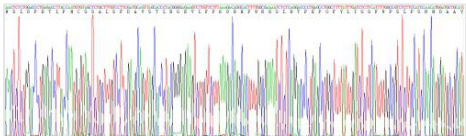
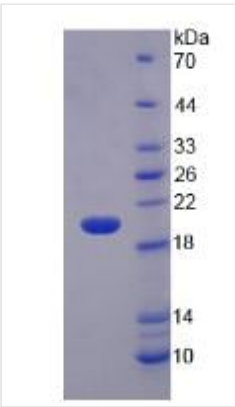
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134550	E.coli	Rattus norvegicus (Rat)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Matrix Metalloproteinase 3 (MMP3); Recombinant Matrix Metalloproteinase 3 (MMP3); MMP3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for MMP3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn278~Gly450
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

NSL DPETLPMCSS ALSFDAVSTL
RGEVLFFKDR HFWRKSLRTP EPGFYLISSF WPSLPSNMDA AYEVTNRDTV
FILKGNQIWA IRGHEELAGY PKSHTLGLP ETQKIDAAI SLKDQKKTYF
FVEDKFWRFD EKKQSMDFEF PRKIAENFPG IGTKVDVFE AFGFLYFFSG

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	116860
NCBI GeneID	171045
UniProt Accession #	P03957
Molecular Weight	Predicted Molecular Mass: 21.2kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Stromelysin-1
NCBI Official Synonym Full Names	matrix metalloproteinase 3
NCBI Official Symbol	Mmp3
NCBI Protein Information	stromelysin-1; SL-1; MMP-3; transin-1; PTR1 protein; matrix metalloproteinase 3; matrix metalloproteinase-3
UniProt Protein Name	Stromelysin-1
UniProt Gene Name	Mmp3
UniProt Synonym Gene Names	SL-1; MMP-3
UniProt Entry Name	MMP3_RAT

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.