

Matrix Metalloproteinase 3 Recombinant Protein | MMP3 recombinant protein

Recombinant Matrix Metalloproteinase 3 (MMP3)

CATALOG # AAA143937	HOST E.coli	REACTIVITY Sus scrofa; Porcine (Pig)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

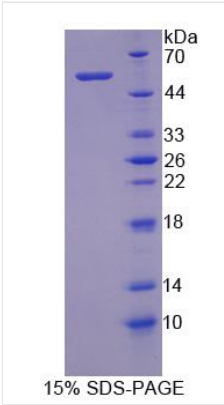
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Sus scrofa; Porcine (Pig)
Purity/Purification	> 90%
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)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. YPVDRAAV DKDDSMDFVQ KYLEDYYNLT KDVKQVRRK DSSLVVKKIQ EMQKFLGLEV TGKLDSENTLE VMHKPRCGVP DVGYFSTFPG LPKWRKNDLT YRIVNYTLDL PRSVIDSTIE KALKIWEEVT PLTFISKISEG EADIMITFAV REHGDFSPFD GPGKVLAHAY APGPGIYGDH HFDDDEQWTK DTSGVNLFLV AAHELGHSLG LFHSTDNAL MYPVYNPLTD LARFRLSQDD VNGIQSLYGP PPASPPEPVE PTESTPPEPG TPATCDPALS FDAISTLRGE ILFFKDRHFW RKSFRRLPEE FHLISFWPP LPSSIDAACE VISKDVTFFI KGTQFWAIRG NDVQPGYPRS IHTLGFSTV KKIDAAISDK ETKKTYFFVE DKYWRFDKQR QSMEPGFPKQ IVEDFPGVEP KVDAVFEAFG FFYFFNGSSQ FEEDPNAKKV THVLKSNKWL NC
Applicable Applications for MMP3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr18~Cys477
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
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.

IMAGES

YPV DRAAVDKDDSD MFDVQKYLED YYNLTQDVQK
VVRKDDSSLV VKKIQEMQKF LGLEVTGKLD SNTLEVMHQP RCGVPDVGYF
STFPGLPKWR KNDLTYRIVN YTLDLPRSVI DSTIEKALKI WEEVTPLTFS
KISEGEADIM ITFAVREHGO FSPFDGPGKV LAHAYAPGPG IYGOAHFDDO
EQWTKDTSQV NLFVAAHEL GHSLGLFHST DSNALMYPVY NPLTDLARFR
LSQDDVNGIQ SLYGPPASP PEPVEPTST PPEPGTPATC DPALSFDAIS
TLRGEILFFK DRHFWRKSFRL RLEPEFHLS SFWPPLPSSI DAACEVISKD
TVFIFKGTQF WAIRGNDVQP GYPRSIHTLG FPSTVKKIDA AISDKETKKT
YFFVEDKYWR FDEKRQSMEP GFPKQIVEDF PGVEPKVDVA FEAFFGFYFF
NGSSQFEFDP NAKKVTHVLK SNKWLNC

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	188619
NCBI GeneID	4314
Molecular Weight	Predicted Molecular Mass: 56.0kDa Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	matrix metalloproteinase-3
NCBI Official Synonym Full Names	matrix metalloproteinase 3
NCBI Official Symbol	MMP3
NCBI Official Synonym Symbols	SL-1; STMY; STR1; CHDS6; MMP-3; STMY1
NCBI Protein Information	stromelysin-1
UniProt Protein Name	Stromelysin-1
UniProt Gene Name	MMP3
UniProt Synonym Gene Names	STMY1; SL-1; MMP-3
UniProt Entry Name	MMP3_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.

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Online datasheet: <https://www.aaabiotech.com/mmp3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143937>