

Matrix Metalloproteinase 19 Recombinant Protein | MMP19 recombinant protein

Recombinant Matrix Metalloproteinase 19 (MMP19)

CATALOG # AAA144114	HOST E. Coli	APPLICATIONS Western Blot, SDS-Page
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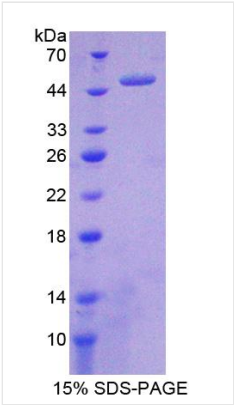
PRODUCT SYNONYMS

Matrix Metalloproteinase 19; Recombinant Matrix Metalloproteinase 19 (MMP19); MMP19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. YLLLGHWK KKNLTFRIFN VPSTLSLPRV RAALHQAFKY WSSVAPLTFR EVKAGWADIR LSFHGRQSLY CSNTFDGPGK VLAHADIPEL GSIHFDKDEL WTEGTYQGVN LRIIAAHEVG HALGLGHSRY TQALMAPVYA GYQPFFKLHP DDVAGIQALY GKRSPETRDE EEETEMLTYS PVTAKPGPMP NPCSGEVDAM VLGPRGKTYA FKGDYVWTVT DSGPGPLFQI SALWEGLPGN LAAVYSPRT RRTHFFKGNK VWRYVDFKMS PGFPMKFNRV EPNLDAALYW PVNQKVFLFK GSGYWQWDEL ARTDLSRYPK PIKELFTGVP DRPSAAMSWQ DGQVYFFKGK EYWRLNQQLR VAKGYPRNTT HWMHCGSQTP DTNSSTGDVT PSTTDTVLGT TPSTMGSTLD IPSATD
Sequence Length	508
Applicable Applications for MMP19 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Tyr99~Asp512
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted, Extracellular matrix
Traits	Freeze-dried powder
Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Predicted isoelectric point	8.9
Predicted Molecular Mass	50.3kDa
Accurate Molecular Mass	50kDa as determined by SDS-PAGE reducing conditions.
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°C for one month. Aliquot and store at -80°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°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 #	4505213
NCBI GeneID	4327
NCBI Accession #	NP_002420.1
NCBI GenBank Nucleotide #	NM_002429.5
NCBI Official Full Name	matrix metalloproteinase-19 isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 19
NCBI Official Symbol	MMP19
NCBI Official Synonym Symbols	MMP18; RASI-1
NCBI Protein Information	matrix metalloproteinase-19
UniProt Protein Name	Matrix metalloproteinase-19
UniProt Gene Name	MMP19
UniProt Synonym Gene Names	MMP18; RASI; MMP-19; MMP-18
UniProt Entry Name	MMP19_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://stage.aaabiotech.com/mmp19-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144114>