

## Matrix Metalloproteinase 1 (MMP1) Recombinant Protein | MMP1 recombinant protein

Recombinant Matrix Metalloproteinase 1 (MMP1)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153274</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Matrix Metalloproteinase 1 (MMP1); Recombinant Matrix Metalloproteinase 1 (MMP1); Matrix Metalloproteinase 1; MMP1 recombinant protein (prokaryotic); Sheep; CLGN; CLG1; Collagenase; Interstitial Collagenase; Vertebrate Collagenase; Fibroblast Collagenase; MMP1 recombinant protein

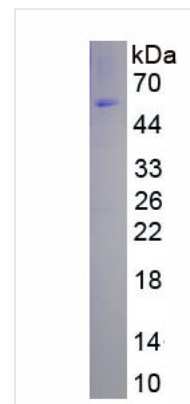
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | E coli                                                                                                       |
| Purity/Purification                                  | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                   | Phe19~Asn467                                                                                                 |
| Applicable Applications for MMP1 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Prokaryotic expression                                                                                       |
| Species                                              | Sheep                                                                                                        |
| Tag                                                  | N-terminal His                                                                                               |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                    | 6.4                                                                                                          |
| Subcellular Location                                 | Extracellular matrix                                                                                         |
| Research Area                                        | Tumor immunity                                                                                               |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES

Amino Acid Info

PPATISQETPTVETLPTNLCSDVDSTNKGILLTDLGKQKPLQYVETSTALTPNPGKQVQPTQPLSTPQNPNTLTYTCDSTPLDAGTQGLTSLAPLKYNTLTPTVDSQKEL  
LPTNDSQKQETPTVETLPTNLCSDVDSTNKGILLTDLGKQKPLQYVETSTALTPNPGKQVQPTQPLSTPQNPNTLTYTCDSTPLDAGTQGLTSLAPLKYNTLTPTVDSQKEL  
PPATISQETPTVETLPTNLCSDVDSTNKGILLTDLGKQKPLQYVETSTALTPNPGKQVQPTQPLSTPQNPNTLTYTCDSTPLDAGTQGLTSLAPLKYNTLTPTVDSQKEL



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Product Categories/Family for MMP1 recombinant protein | Prokaryotic proteins |
|--------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                     |        |
|---------------------|--------|
| UniProt Accession # | W5P5K5 |
| Molecular Weight    | 58kDa  |

**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/matrix-metalloproteinase-1-mmp1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153274>