



Recombinant Mouse Matrix Metalloproteinase 9 (MMP9)

Catalog No.: TP09303

100ug

Sequence Information

Species: Mouse

Gene ID:17395

Swiss Prot:P41245

Synonyms:GELB; Gelatinase B; CLG4B;

CLG4-B; 92 KDa Gelatinase;

92kDa Type IV Collagenase

Residues:Phe108~Ser508

FQTFKGLKWDHNNITYWIQNYSEDLPDMIDDAFARAFVWGEVAPLTFTRVYGPEADIVIQFGVAEHGDGYPFD
GKDGLLAHAFPPGAGVQGDHFDDELWSLGKGVVITYYGNNGAPCHFPFTFEGRSYSACTTDGRNDGTPWCS
TTADYDKDGKFGFCPSERLYTEHNGEGKPCVFPFIFEGRSYSACTTKGRSDGYRWCATTANYDQDKLYGFCPTR
VDATVVGNSAGELCVFPFVFLGKQYSSCTSDGRRDGRLLWCATTSNFDTDKKWFCDQGYSLFLVAAHEFGHAL
GLDHSSVPEALMYPLYSYLEGFPLNKDDIDGIQYLYGRGSKPDPRPPATTTTEPQPTAPPTMCPTIPPTAYPTVG
PTVGPTGAPSPGPTSSPSPGPTGAPS

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS pH7.2, 0.01% sarcosyl, 5%Trehalose .

Original Concentration: 1mg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.7

Predicted Molecular Mass: 73.9kDa

Accurate Molecular Mass: 74kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS pH7.2 or ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

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.

[IDENTIFICATION]

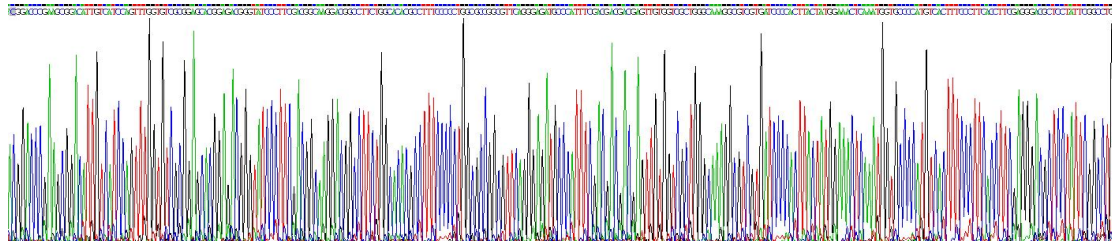


Figure 1. Gene Sequencing (Extract)

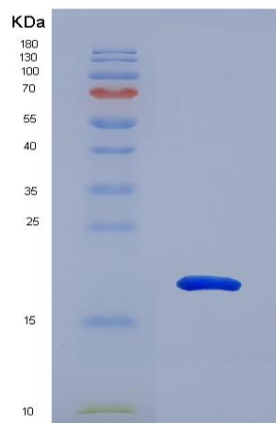


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.