RPA553Mu02 10μg

Recombinant Matrix Metalloproteinase 9 (MMP9)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Phe108~Ser508

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 10μg/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: 73.6kDa

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

[USAGE]

Reconstitute in ddH$_2$O to a concentration of 0-0.1 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

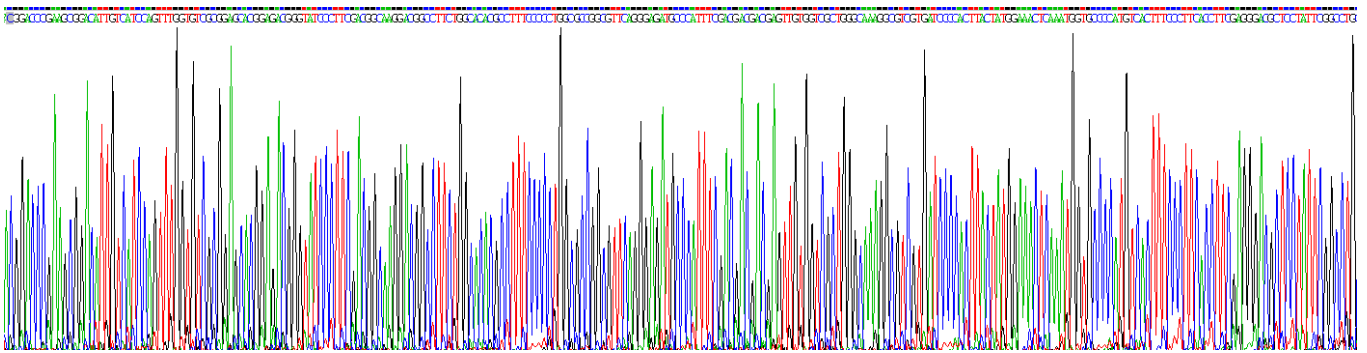Aliquot and store at -80ºC for 12 months.

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.

[SEQUENCE]

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        FQT FKGLKWDHHN ITYWIQNYSE DLPRDMIDDA FARAFAVWGE
VAPLTFTRVY GPEADIVIQF GVAEHGDGYP FDGKDGLLAH AFPPGAGVQG
DAHFDDDELW SLGKGVVIPT YYGNSNGAPC HFPFTFEGRS YSACTTDGRN
DGTPWCSTTA DYDKDGKFGF CPSERLYTEH GNGEGKPCVF PFIFEGRSYS
ACTTKGRSDG YRWCATTANY DQDKLYGFCP TRVDATVVGG NSAGELCVFP
FVFLGKQYSS CTSDGRRDGR LWCATTSNFD TDKKWGFCPD QGYSLFLVAA
HEFGHALGLD HSSVPEALMY PLYSYLEGFP LNKDDIDGIQ YLYGRGSKPD
PRPPATTTTE PQPTAPPTMC PTIPPTAYPT VGPTVGPTGA PSPGPTSSPS
PGPTGAPS
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[IDENTIFICATION]

Figure . Gene Sequencing (extract)

Figure. SDS-PAGE

[IMPORTANT NOTE]

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