

**RPA098Ra01 50ug**

**Recombinant Matrix Metalloproteinase 10 (MMP10)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Glu154~Thr465

**Tags:** N-terminal His Tag

**Subcellular Location:** Secreted, Extracellular matrix

**Purity:** > 97%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 80µg/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:** 6.0

**Predicted Molecular Mass:** 38.9kDa

**Accurate Molecular Mass:** 39kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O 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.

**[ SEQUENCE ]**

EGEADIM	ISFAVGEHGD	FYPFDGVGQS	LAHAYPPGPG	FYGDAHFDDD
EKWSLGPSGT	NLFLVAAHEL	GHSLGLFHSN	NKESLMYPVY	RFSTSQANIR
LSQDDIEGIQ	SLYGARPSSD	ATVVPVPSVS	PKPETPVKCD	PALSFDVATM
LRGEFLFFKD	RHFWRRTQWN	PEPEFHLISA	FWPSLPSGLD	AAYEANNKDR
VLIFKGSQFW	AVRGNEVQAG	YPKRIHTLGF	PPTVKKIDAA	VFEKEKKKTY
FFVGDKYWRF	DETRQLMDKG	FPRLITDDFP	GIEPQVDAVL	HAFGFFYFFC
GSSQFEFDPN	ARTVT			

**[ IDENTIFICATION ]**

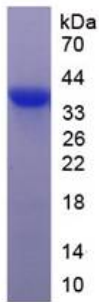


Figure. SDS-PAGE

**[ 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.