

RPA097Po01 100µg

**Recombinant Matrix Metalloproteinase 1 (MMP1)** 

Organism Species: Sus scrofa; Porcine (Pig)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)



## [PROPERTIES]

**Source:** Prokaryotic expression

Host: E.coli

Residues: Phe100~Asn469

Tags: N-terminal His Tag

**Subcellular Location:** Secreted, Extracellular matrix

**Purity:** > 90%

Traits: Freeze-dried powder

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

Original Concentration: 200µg/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:** 5.3

Predicted Molecular Mass: 46.3kDa

**Accurate Molecular Mass:** 46kDa as determined by SDS-PAGE reducing conditions.

### [USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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.

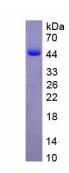
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCE ]



F	VLTPGNPRWE	NTHLTYRIEN	YTPDLSREDV	DRAIEKAFQL	WSNVSPLTFT
KVSEGQADIM	ISFVRGDHRD	NSPFDGPGGN	LAHAFQPGPG	IGGDAHFDED	ERWTKNFRDY
NLYRVAAHEL	GHSLGLSHST	DIGALMYPNY	IYTGDVQLSQ	DDIDGIQAIY	GPSENPVQPS
GPQTPQVCDS	KLTFDAITTL	RGELMFFKDR	FYMRTNSFYP	EVELNFISVF	WPQVPNGLQA
AYEIADRDEV	RFFKGNKYWA	VRGQDVLYGY	PKDIHRSFGF	PSTVKNIDAA	VFEEDTGKTY
FFVAHECWRY	DEYKQSMDTG	YPKMIAEEFP	GIGNKVDAVF	QKDGFLYFFH	GTRQYQFDFK
TKRILTLQKA	NSWFNCRKN				

# [ IDENTIFICATION ]



# [ 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.