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Recombinant Matrix Metalloproteinase 13 (MMP13)

Catalog Number: SIPA066Rb02 **Spec: 100ug**

Product Name	Recombinant Matrix Metalloproteinase 13 (MMP13)
Catalog Number	SIPA066Rb02
Organism Species	Rabbit
Source	Prokaryotic expression
Host	E.coli
Residues	Ser287~Gln449 (Accession # O62806)
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	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	5.9
Predicted Molecular Mass	20.3kDa
Accurate Molecular Mass	20/18kDa 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 2-8ºC 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

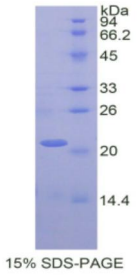
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MGHHHHHHSGS- SLSL DAITSLRGETMIFKDRFFWR LHPQQVDAEL
FLTKSFWPEL PNRIDAAYEH PARDLIFIFR GKKFWAPNGYDILEGYPQKL
SELGFPREVKKISAAVHFED TGKTLFFSGN QVWSYDDTNH TMDQDYPRLI
EEEFPGIGGK VDAVYEKNGY IYFFNGPIQ

[IDENTIFICATION]



15% 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.