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Recombinant Matrix Metalloproteinase 10 (MMP10)

Catalog Number: SIPA494Po01 **Spec: 100ug**

Product Name	Recombinant Matrix Metalloproteinase 10 (MMP10)
Catalog Number	SIPA494Po01
Organism Species	Pig
Source	Prokaryotic expression
Host	E.coli
Residues	Tyr18~Cys477
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	5.65
Predicted Molecular Mass	56kDa
Accurate Molecular Mass	58kDa 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

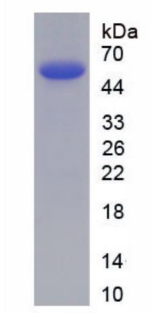
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

YPVDRAAVDKDDSMDFVQKYLEDYYNLTKDVKQVVRRKDSSLV
VKKIQEMQKFLGLEVTGKLDSNTLEVMHKPRCGVPDVGYFSTFPGLPKWRKNDLTYRIVN
YTLDLPRSVIDSTIEKALKIWEEVTPLTFSKISEGEADIMITFAVREHGDFSPFDGPGKV
LAHAYAPGPGIYGEAHFDDDEQWTKDTSGVNLFLVAAHELGHSLGLFHSTDSNALMYPVY
NPLTDLARFRLSQDDVNGIQSLYGPPPASPPEPVEPTESTPQKPGTPATCDPALSFDAIS
TLRGEILFFKDRHFWRKSFRRLEPEFHLISSFWPPLPSSIDAACEVISKDTVFIFKGTQF
WAIRGNDVQPGYPRSIHTLGFPSTVKKIDAAISDKETKKTYFFVEDKYWRFDEKRQSMEP
GFPKQIVEDFPGVEPKVDAVFEAFGFFYFFNGSSQFEFDPNAKKVTHVLKSNKWLNC

[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.