

Recombinant Rat Mmp23 Protein, His-tagged

Cat. No. Mmp23-1787R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp23 Protein (Cys256-Thr381) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Cys256-Thr381
Description	Predicted to enable metalloendopeptidase activity. Predicted to be involved in several processes, including collagen catabolic process; extracellular matrix organization; and proteolysis. Predicted to be located in endoplasmic reticulum membrane and extracellular matrix. Predicted to be integral component of membrane. Predicted to be active in extracellular space. Orthologous to human MMP23B (matrix metalloproteinase 23B).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.5 kDa Accurate Molecular Mass: 19 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Mmp23 matrix metalloproteinase 23 [Rattus norvegicus (Norway rat)]
Official Symbol	Mmp23
Synonyms	Mmp23; matrix metalloproteinase 23; matrix metalloproteinase-23; MIFR; MMP-23; Matrix metalloproteinase 23; metalloproteinase in the female reproductive tract; metalloproteinase in the female reproductive tract
Gene ID	94339
mRNA Refseq	NM_053606
Protein Refseq	NP_446058
UniProt ID	O88272

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA