

Recombinant Rat Mmp2 protein, His-KSI-tagged

Cat. No. Mmp2-2417R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp2 protein(P33436)(412-662aa), fused with N-terminal His and KSI tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	412-662aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	43.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 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

AA Sequence

EHSQDPGALMAPIYTYTKNFRLSNDDIKGIQELYGPSPDADTDGTGPTPTLGPVTP
EICKQDIVFDGIAQIRGEIFFFKDRFIWRTVTPRDKPTGPLLVATFWPELPEKIDAVYE
APQEEKAVFFAGNEYWVYSASTLERGYPKPLTSLGLPPDVQQVDAAFNWSKNKKT
YIFSGDKFWRYNEVKKKMDPGFPKLIADSWNAIPDNLDVVDLQGGGHSYFFKGAY
YLKLENQSLKSVKFGSIKSDWLGC

GENE INFORMATION

Gene Name	Mmp2 matrix metalloproteinase 2 [<i>Rattus norvegicus</i>]
Official Symbol	Mmp2
Synonyms	MMP2; matrix metalloproteinase 2; 72 kDa type IV collagenase; MMP-2; gelatinase A; 72 kDa gelatinase; matrix metalloproteinase 2; matrix metalloproteinase-2;
Gene ID	81686
mRNA Refseq	NM_031054
Protein Refseq	NP_112316

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