

Recombinant human MMP3 protein (Active) ab96555

3 References [画像数 1](#)

製品の詳細

| | |
|-------------|---|
| 製品名 | Recombinant human MMP3 protein (Active) |
| 生理活性 | ab96555 activity was measured by its ability to cleave a chromogenic peptide MMP3 substrate at room temperature. At a MMP3 concentration of 2.5 µg/ml, 50% cleavage was achieved at an incubation time of approximately 75 minutes. |
| 精製度 | >= 98 % SDS-PAGE. >=98% HPLC analyses. |
| エンドトキシン・レベル | < 1.000 Eu/µg |
| 発現系 | Escherichia coli |
| アクセッション番号 | <u>P08254</u> |
| タンパク質長 | Full length protein |
| Animal free | No |
| 由来 | Recombinant |
| 生物種 | Human |
| 配列 | MRTFPGIPKW RKTHLTYRIV NYTPDLPKDA VDSAVEKALK VWEEVTPLTF SRLYEGEADI MISFAVREHG DFYPFDGPGN VLAHAYAPGP GINGDAHFDG DEQWTKDTTG TNLFLVAAHE IGHSLGLFHS ANTEALMYPL YHSLDLTRF RLSQDDINGI QSLYGPPPDG PETPLVPTEP VPPEPGTPAN CDPALSFDAV STLARGEILIF KDRHFWRKSL RKLEPELHLI SSFWPSLPSG VDAAYEVTSK DLVFIFKGNQ FWAIRGNEVR AGYPRGIHTL GFPPTVRKID AAISDKEKNK TYFFVEDKYW RFDEKRNSME PGFPKQIAED FPGIDSKIDA VFEEFGFFYF FTGSSQLEFD PNAKKVTHTL KSNLWLNK |
| 予測される分子量 | 43 kDa |
| 領域 | 101 to 477 |

特性

Our **Abpromise guarantee** covers the use of **ab96555** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| アプリケーション | HPLC |
| | SDS-PAGE |
| | Functional Studies |
| | Western blot |
| 製品の状態 | Lyophilized |

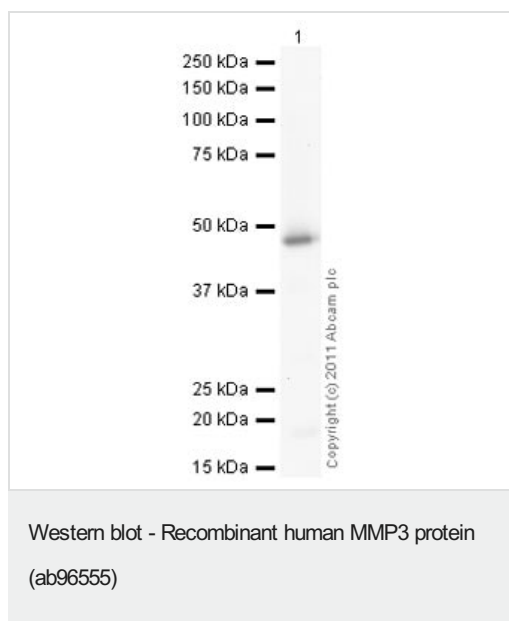
前処理および保存

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|------------|--|
| 保存方法および安定性 | <p>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA). Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C..</p> <p>Constituents: 0.00111% Calcium chloride, 0.164% Sodium phosphate, 0.1% CHAPS, 0.002% EDTA disodium salt</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p> |
| 再構成 | <p>Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex.</p> |

関連情報

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| 機能 | <p>Can degrade fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans. Activates procollagenase.</p> |
| 配列類似性 | <p>Belongs to the peptidase M10A family.</p> <p>Contains 4 hemopexin-like domains.</p> |
| ドメイン | <p>The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.</p> |
| 細胞内局在 | <p>Secreted > extracellular space > extracellular matrix.</p> |

画像



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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