**Supplementary Figure S1.**

**Hisx6-pro-MMP-3cd protein sequence (29.86 kDa)**

MHHHHHHMYP LDGAARGEDT SMNLVQKYLE NYYDLKKDVK QFVRRKDSGP VVKKIREMQK FLGLEVTGKL DSDTLEVMRK PRCGVPDVGH FRTFPGIPKW RKTHLTYRIV NYTPDLPKDA VDSAVEKALK VWEEVTPLTF SRLYEGEADI MISFAVREHG DFYPFDGPGN VLAHAYAPGP GINGDAHFDD DEQWTKDTTG TNLFLVAAHE IGHSLGLFHS ANTEALMYPL YHSLTDLTRF RLSQDDINGI QSLYGPPPDS PET

**Active MMP-3cd protein sequence (19.40 kDa)**

FRTFPGIPKW RKTHLTYRIV NYTPDLPKDA VDSAVEKALK VWEEVTPLTF SRLYEGEADI MISFAVREHG DFYPFDGPGN VLAHAYAPGP GINGDAHFDD DEQWTKDTTG TNLFLVAAHE IGHSLGLFHS ANTEALMYPL YHSLTDLTRF RLSQDDINGI QSLYGPPPDS PET

**pET3a-Hisx6-MMP-3-FOR primer for cloning**

TACTTTAGAGGAGATATAATGCATCACCATCACCATCATATGTATCCATTGGATG

**pET3a-Hisx6-MMP-3-REV primer for cloning**

CGGGCTTTGTTAGCAGCCGGATCCTCATCCATAGAGGGAC