

Matrix metalloproteinase-20 (MMP20) Recombinant Protein | MMP20 recombinant protein

Recombinant Human Matrix metalloproteinase-20 (MMP20)

CATALOG # AAA115319	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Matrix metalloproteinase-20 (MMP20); Recombinant Human Matrix metalloproteinase-20 (MMP20); MMP20 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	108-483aa; Full Length of Mature Protein
Sequence	YRLFPGEPKW KKNTLTIRIS KYTPSMSSVE VDKAVEMALQ AWSSAVPLSF VRINSGEADI MISFENGDHG DSYPFDGPRG TLAHAFAPGE GLGGDTHFDN AEKWTMG TNG FNLFTVAAHE FGHALGLAHS TDPSALMYPT YKYKNPYGFH LPKDDVKGIQ ALYGPRKVFL GKPTLP HAPH HKPSIPDLCD SSSSFDVATM LGKELLKF D RIFWRRQVHL RTGIRPSTIT SSFPLMSNV DAAYEVAERG TAYFFKGPHY WITRGFQMQG PPRTIYDFGF PRHVQQIDAA VYLREPQKTL FVVGDEYYSY DERKRKMEKD YPKNTEEEFS GVNGQIDAAV ELNGYIYFFS GPKTYKYDTE KEDVSVVKS SSWIGC
Species	Human
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for MMP20 recombinant protein	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP s are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This protein degrades amelogenin, the major protein component of dental enamel matrix, and so the protein is thought to play a role in tooth enamel formation. A mutation in this gene, which alters the normal splice pattern and results in premature termination of the encoded protein, has been associated with amelogenesis imperfecta. This gene is part of a cluster of MMP genes that localizes to chromosome 11q22.3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45359865
NCBI GeneID	9313
NCBI Accession #	NP_004762.2

NCBI GenBank Nucleotide #	NM_004771.3
UniProt Accession #	O60882; Q6DKT9
Molecular Weight	46.4
NCBI Official Full Name	matrix metalloproteinase-20 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 20
NCBI Official Symbol	MMP20
NCBI Official Synonym Symbols	AI2A2; MMP-20
NCBI Protein Information	matrix metalloproteinase-20
UniProt Protein Name	Matrix metalloproteinase-20
UniProt Gene Name	MMP20
UniProt Synonym Gene Names	MMP-20

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mmp20-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115319>