

Matrix metalloproteinase-20 (Mmp20) Recombinant Protein | Mmp20 recombinant protein

Recombinant Mouse Matrix metalloproteinase-20 (Mmp20)

CATALOG #
AAA113590

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Matrix metalloproteinase-20 (Mmp20); Recombinant Mouse 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	107-482aa; Full Length of Mature Protein
Sequence	YRLFPGEPKW KKNILTYRIS KYTPSMSPT E VDKAIQMALH AWSTAVPLNF VRINSGEADI MISFETGDHG DSYPFDGPRG TLAHAFAPGE GLGGDTHFDN AEKWTMG TNG FNLFTVAAHE FGHALGLGHS TDPSALMYPT YKYQNPYRFH LPKDDVKGIQ ALYGPRKIFP GKPTMPHIPP HKPSIPDLCD SSSSFDAVTM LGKELLFFKD RIFWRRQVHL PTGIRPSTIT SSFQLMSNV DAAEVAERG IAFFFKGPHY WVTRGFHMQG PPRTIYDFGF PRHVQRIDAA VYLKEPQKTL FVGE EYYSY DERKKKMEKD YPKNTEEEFS GVS GHIDAAV ELNGYIYFFS GRKTFKYDTE KEDVVS VVKS SSWIGC
Species	Mouse
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305275
NCBI GeneID	30800
NCBI Accession #	NP_038931.1
NCBI GenBank Nucleotide #	NM_013903.2
UniProt Accession #	P57748 ; A7MCV5
Molecular Weight	54,373 Da
NCBI Official Full Name	matrix metalloproteinase-20 preproprotein

NCBI Official Synonym Full Names	matrix metallopeptidase 20 (enamelysin)
NCBI Official Symbol	Mmp20
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/113590>