

Collagenase 3 (Mmp13) Recombinant Protein | Mmp13 recombinant protein

Recombinant Mouse Collagenase 3 (Mmp13)

CATALOG # AAA18484	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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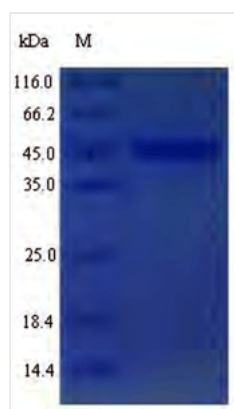
PRODUCT SYNONYMS

Collagenase 3 (Mmp13); Recombinant Mouse Collagenase 3 (Mmp13); Mmp13 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	105-472aa; Full Length of Mature Protein
Sequence	YNVFPRTLKW SQTNLTYRIV NYTPDMHSE VEKAFRKAFK VWSDVTPLNF TRIYDGTADI MISFGTKEHG DFYPFDGPGS LLAHAFPPGP NYGGDAHFD DETWTSSSKG YNLFIVAHE LGHSLGLDHS KDPGALMFPI YTYTGKSHFM LPDDDVQGIQ FLYGPGDEDP NPKHPKTPEK CDPALSLDAI TSLRGETMIF KDRFFWRLHP QQVEAELFLT KSFWEPLPNH VDAAYEHPSR DLMFIFRGRK FWALNGYDIL EGYPRKISDL GFPKEVKRLS AAVHFENTGK TLFFSENHVW SYDDVNQTM KDYPRLIEEE FPGIGNKVDA VYEKNGYIYF FNGPIQFEYS IWSNRIVRVM PTNSILWC
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Mmp13 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 cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678896
NCBI GeneID	17386
NCBI Accession #	NP_032633.1
NCBI GenBank Nucleotide #	NM_008607.2
UniProt Accession #	P33435
Molecular Weight	46.5 kDa
NCBI Official Full Name	collagenase 3 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 13
NCBI Official Symbol	Mmp13
NCBI Official Synonym Symbols	Clg; Mmp1; MMP-13
NCBI Protein Information	collagenase 3
UniProt Protein Name	Collagenase 3
UniProt Gene Name	Mmp13
UniProt Synonym Gene Names	MMP-13

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://www.aaabiotech.com/mmp13-recombinant-protein-e-coli/18484>