

Pro-Matrix Metalloproteinase 9 (PRO MMP-9) Recombinant Protein | PRO MMP-9 recombinant protein

Pro-Matrix Metalloproteinase 9 (PRO MMP-9)

CATALOG #

AAA58770

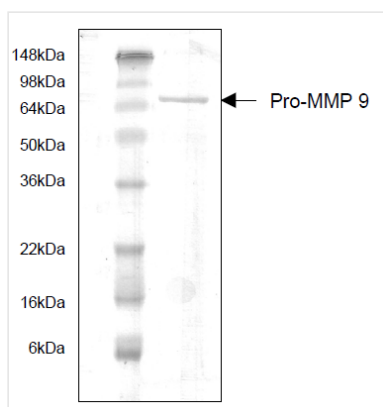
PRODUCT SYNONYMS

Pro-Matrix Metalloproteinase 9 (PRO MMP-9); Pro-MMP 9; Matrix metalloproteinase 9; gelatinase B; 92kD gelatinase; 92kD type IV collagenase precursor; CLG4B; GELB; PRO MMP-9 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid
Sequence Length	56
Buffer	Buffered 50% glycerol

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PRO MMP-9 recombinant protein

MMP-9 is secreted as a 92kDa zymogen. Cleavage of pro-MMP-9 results in the active enzyme with a molecular weight of ~82kDa. MMP-9 has a gelatin-binding domain consisting of three fibronectin type II units, a catalytic domain containing the zinc-binding site, a proline-rich type V collagen-homologous domain and a hemopexin-like domain. MMP9 is produced by monocytes, macrophages, neutrophils, keratinocytes, fibroblasts, osteoclasts and endothelial cells, and is involved in inflammatory responses, tissue remodelling, wound healing, Tumor growth and metastasis. Recombinant human Pro-MMP-9 comprises a 688aa fragment (20-707) corresponding to the pro form of the protein minus the signal peptide and is expressed in E Coli with an N-terminal 6xHis tag. This product is not intended for therapeutic use

Product Categories/Family for PRO MMP-9 recombinant protein

Recombinant Proteins; MMP-9 (Pro Form)

References

Pourmotabbed, T et al., Biochim Biophys Acta. 1204 (1):97-107(1994). Romanic, AM. et al., Stroke 29 (5): 1020-1030 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	15420890
NCBI GeneID	17395
UniProt Accession #	Q91ZS5; P41245
Molecular Weight	6,347 Da
NCBI Official Full Name	pro-MMP-9, partial
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	Mmp9
NCBI Official Synonym Symbols	Clg4b; Gel B; MMP-9; B/MMP9; AW743869; pro-MMP-9
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Pro-MMP-9
UniProt Gene Name	Mmp9
UniProt Entry Name	Q91ZS5_MOUSE

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/mmp9-recombinant-protein/58770>