

Matrix Metalloproteinase 8 (MMP8) Recombinant Protein | MMP8 recombinant protein

Recombinant Matrix Metalloproteinase 8 (MMP8)

CATALOG # AAA133914	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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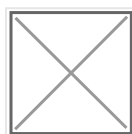
PRODUCT SYNONYMS

Matrix Metalloproteinase 8 (MMP8); Recombinant Matrix Metalloproteinase 8 (MMP8); MMP8 recombinant protein

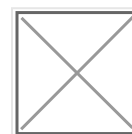
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithaN- terminalHi s-tag,itss equenceisl istedbelow . MGHHH HHHSGSEF-L TPGNPKWERT NLTYRIRNYT PQLSEAEVER AIKDAPFELWS VASPLIFTRI SQGEADINIA FYQRDHGDN S PFDGPNGILA HAFQPGQGIG GDAHFDAEET WTNTSANYNL FLVAAHEFGH SLGLAHSSDP GALMYPNYAF RETSNYSLPQ DDIDGIQAIY GLSSNPIQPT GPSTPKPCDP SLTFDAITTL RGEILFFKDR YFWRRHPLQ RVE MNFISLF WPSLPTGIQA AYEDFDRDLI FLKGNQYWA LSGYDILQGY PKDISNYGFP SSVQAIDAAV FYRSKTYFFV NDQFWRYDNQ RQFMEPGYPK SISGAFFGIE SKVDAVFQGE HFFHVFSGPR YYAFDLIAQR VTRVARGNKW LNCRYG
Sequence Length	467
Applicable Applications for MMP8 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu101~Gly467 (Accession # P22894) with a N-terminal His-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505221
NCBI GeneID	4317
NCBI Accession #	NP_002415.1
NCBI GenBank Nucleotide #	NM_002424.2
UniProt Accession #	P22894; Q45F99
Molecular Weight	43.5kDa
NCBI Official Full Name	neutrophil collagenase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 8 (neutrophil collagenase)
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL
NCBI Protein Information	neutrophil collagenase; PMNL collagenase; matrix metalloproteinase-8; matrix metalloproteinase 8 (neutrophil collagenase)
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL
UniProt Entry Name	MMP8_HUMAN

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/mmp8-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133914>