

Matrix Metalloproteinase 2 (MMP2) Recombinant Protein | MMP2 recombinant protein

Recombinant Matrix Metalloproteinase 2 (MMP2)

CATALOG # AAA134048	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

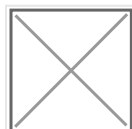
PRODUCT SYNONYMS

Matrix Metalloproteinase 2 (MMP2); Recombinant Matrix Metalloproteinase 2 (MMP2); MMP2 recombinant protein

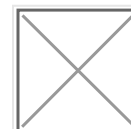
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-YN FFPKPKWDK NQITYRIIGY TPDLPETVD DAFARAFQVW SDVTPLRFSR IHDGEADIMI NFRWEHGDG YPFDGKDGLL AHAFAPGTGV GGDSEHDDDE LWTLGEGQVW RVKYGNADGE YCKFPFLFNG KEYNSCTDTG RSDGFLWCST TYNFEKDGKY GFCPHEALFT MGGNAEGQPC KFPFRFQGT YDSCCTTEGRT DGYRWCGTTE DYDRDKKYGF CPETAMSTVG GNSEGAPCVF PFTFLGNKYE SCTSAGRSDG KMWCATTANY DDDRKWGFCP DQGYSLFLVA AHEFGHAMGL EHSQDPGALM APIYTYTKNF RLSQDDIKGI QELYGASPDIDLGTGPTPTL GPVTPEICKQ DIVFDGIAQI RGEIFFFKDR FIWRTVTPRD KPMGPLLVA FWPELPEKID AVYEAPQEEK AVFFAGNEYW IYSASTLERG YPKPLTSLGL PPDVQRVDAA FNWSKNKKT IFAGDKFWRY NEVKKKMDPG FPKLIADAWN AIPDNLDVAV DLQGGGHSYF FKGAYYLKLE NQSLKSVKFG SIKSDWLGC
Sequence Length	610
Applicable Applications for MMP2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Tyr110~Cys660 (Accession # P08253) with 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 target protein. 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 and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	189217853
NCBI GeneID	4313
NCBI Accession #	NP_001121363.1
NCBI GenBank Nucleotide #	NM_001127891.1
UniProt Accession #	P08253; Q9UCJ8; B2R6U1; B4DWH3; E9PE45
Molecular Weight	63.6kDa
NCBI Official Full Name	72 kDa type IV collagenase isoform b
NCBI Official Synonym Full Names	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)
NCBI Official Symbol	MMP2
NCBI Official Synonym Symbols	CLG4; MONA; CLG4A; TBE-1; MMP-II
NCBI Protein Information	72 kDa type IV collagenase; MMP-2; gelatinase A; 72 kDa gelatinase; collagenase type IV-A; neutrophil gelatinase; matrix metalloproteinase-2; matrix metalloproteinase-II
UniProt Protein Name	72 kDa type IV collagenase
UniProt Gene Name	MMP2
UniProt Synonym Gene Names	CLG4A; MMP-2
UniProt Entry Name	MMP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mmp2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134048>