

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

Recombinant Matrix Metalloproteinase 2 (MMP2)

CATALOG # AAA148344	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	--	---

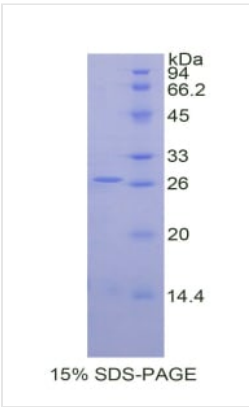
PRODUCT SYNONYMS

Matrix Metalloproteinase 2 (MMP2); Recombinant Matrix Metalloproteinase 2 (MMP2); CLG4; CLG4A; MMP-II; MONA; TBE-1; PEX; Gelatinase A; 72kDa Gelatinase; 72kDa Type IV Collagenase; MMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 800ug/mL (varies by lot)
Applicable Applications for MMP2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr445~Cys662
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

YGPSPD
ADTDGTGPT PTLGPVTPEI CKQDIVFDGI AQIRGEIFF KDRFIWRTVT
PRDKPTGPLL VATFWPELPE KIDAVYEAPQ EEKAVFFAGN EYVWYSASTL
ERGYPKPLTS LGLPPDVQVQV DAAFNWSKNK KTYIFSGDKF WRYNEVKKKM
DPGFPLIAD SWNAIPDNLD AVVDLQGGGH SYFFKGAYYL KLENQSLKSV
KFGSIKSDWL GC

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MMP2 recombinant protein	Enzyme & Kinase; Tumor immunity; Infection immunity
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	146262019
NCBI GeneID	81686
NCBI Accession #	NP_112316.2
NCBI GenBank Nucleotide #	NM_031054.2
UniProt Accession #	P33436; P97581; Q6GMM9
Molecular Weight	Predicted Molecular Mass: 25.6kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	72 kDa type IV collagenase
NCBI Official Synonym Full Names	matrix metalloproteinase 2
NCBI Official Symbol	Mmp2
NCBI Protein Information	72 kDa type IV collagenase
UniProt Protein Name	72 kDa type IV collagenase
UniProt Gene Name	Mmp2
UniProt Synonym Gene Names	MMP-2

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://www.aaabiotech.com/mmp2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148344>