

Matrix Metalloproteinase 11 (MMP11) Recombinant Protein | MMP11 recombinant protein

Recombinant Matrix Metalloproteinase 11 (MMP11)

CATALOG # AAA134381	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Matrix Metalloproteinase 11 (MMP11); Recombinant Matrix Metalloproteinase 11 (MMP11); MMP11 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 97%
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for MMP11 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Ala287~Phe491
Tags	N-terminal His Tag
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin 300.
Predicted isoelectric point	6.4
Predicted Molecular Mass	24.7kDa
Accurate Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions.
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
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°C for one month. Aliquot and store at -80°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°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



Application Data
SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	81886082
UniProt Accession #	Q7TPW7
NCBI Official Full Name	Matrix metalloproteinase 11
UniProt Protein Name	Matrix metalloproteinase 11
UniProt Gene Name	Mmp11
UniProt Entry Name	Q7TPW7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mmp11-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134381>