

Matrix Metalloproteinase 25 (MMP25) Recombinant Protein | MMP25 recombinant protein

Recombinant Matrix Metalloproteinase 25 (MMP25)

CATALOG # AAA148303	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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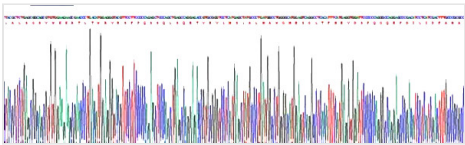
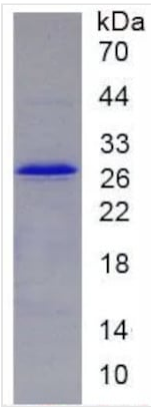
PRODUCT SYNONYMS

Matrix Metalloproteinase 25 (MMP25); Recombinant Matrix Metalloproteinase 25 (MMP25); MT6-MMP; MMP25; MMPL1; MT-MMP6; Matrix Metalloproteinase Like 1; Leukolysin; Membrane-type matrix metalloproteinase 6; Membrane-type-6 matrix metalloproteinase; MMP25 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 80%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 750ug/mL (varies by lot)
Applicable Applications for MMP25 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr108-Ile313
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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



Identification
Figure. Gene Sequencing (extract)

SDS-PAGE

YAL SGSVWKKRTL TWRVRSFPQS SQLSQETVRV LMSYALMAWG
MESGLTFHEV DSPQGQEPDI LIDFARAFHQ DSYPDFGLGG TLAHAFFPGE
HPISGDTHFD DEETWTFGSK DGEETDLFAV AVHEFGHALG LQHSSAPNSI
MRPFYQGPVG DPKYRLSQD DRDGLQLYG KAPQTPYDKP TRKPLAPPQ
PPASPTHSPS FPI

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for MMP25 recombinant protein	Enzyme & Kinase; Metabolic pathway; Tumor immunity; Infection immunity; Cardiovascular biology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11968059
NCBI GeneID	64386
NCBI Accession #	NP_071913.1
NCBI GenBank Nucleotide #	NM_022468.4
UniProt Accession #	Q9NPA2; Q9H3Q0; D3DUA8
Molecular Weight	Predicted Molecular Mass: 26.5kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	matrix metalloproteinase-25 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 25
NCBI Official Symbol	MMP25
NCBI Official Synonym Symbols	MMP20; MMPL1; MMP-25; MMP20A; MT6MMP; MTMMP6; MT-MMP6; MT6-MMP; MT-MMP 6
NCBI Protein Information	matrix metalloproteinase-25
UniProt Protein Name	Matrix metalloproteinase-25
UniProt Gene Name	MMP25
UniProt Synonym Gene Names	MMP20; MMPL1; MT6MMP; MMP-25; MT-MMP 6; MTMMP6; MT6-MMP; MT6MMP

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.