

Recombinant Matrix Metalloproteinase 19 (MMP19) Instruction Manual

SIPB565Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted, Extracellular matrix
Predicted Molecular Mass	50.3kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr99~Asp512 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

LLGHWRKKNL TFRIFNVPST LSLPRVRAAL HQAFKYWSSV APLTFREVKA
GWADIRLSFH GRQSLYCSNT FDGPGKVLAH ADIPELGSIH FDKDELWTEG
TYQGVNLR II AAHEVGHALG LGHSRYTQAL MAPVYAGYQP FFKLHPDDVA
GIQALYGKRS PETRDEEEET EMLTVSPVTA KPGPMPNPCS GEVDAMVLGP
RGKTYAFKGD YVWTVTDSGP GPLFQISALW EGLPGNLDAV VYSPRTRRTH
FFKGNKVVRY VDFKMSPGFP MKFNRVEPNL DAALYWPVNQ KVFLFKGSGY
WQWDELARTD LSRYPKPIKE LFTGVPDRPS AAMSWQDGQV YFFKGKEYWR
LNQQLRVAKG YPRNTTHWMH CGSQTPDTNS STGDVTPSTT DTVLGTTPST
MGSTLDIPSA TD

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

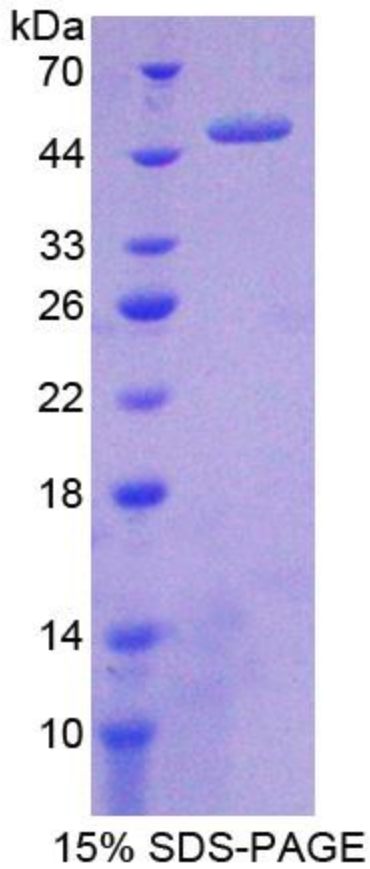
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.