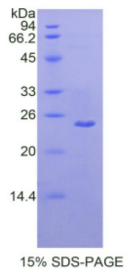


Human Collagenase 3 (MMP13) Protein

Catalogue No.: abx067955



SDS-PAGE analysis of Human MMP13 Protein.

Recombinant Collagenase 3 (MMP13) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target:	Collagenase 3 (MMP13)
Research Area:	Enzymes and Kinases, Tumor Immunity, Infection Immunity, Rheumatology
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P45452 (UniProt , ExPASy)

Datasheet

Version: 2.0.0
Revision date: 04 Oct 2025



Gene Symbol: MMP13

GeneID: [4322](#)

OMIM: [250400](#)

HGNC: 7159

KEGG: hsa:4322

Ensembl: ENSG00000137745

String: [9606.ENSP00000260302](#)

Molecular Weight: Calculated MW: 22.6 kDa

Sequence Fragment: Leu290-Ile468

Sequence: L DAITS LRGET MIFKDRFFWR LHPQQVDAEL FLTKSFWPEL PNRIDAAYEH PSHDLIFIFR
GRKFWALNGY DILEGYPKKI SELGLPKVEVK KISA AVHFED TGKTLLFSGN QVWRYDDTNH
IMDKDYPRLI EEDFPGIGDK VDAVYEKNGY IYFFNGPIQF EYSIWSNRIV RVMPANSI

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.