

## Recombinant Matrix Metalloproteinase 12 (MMP12)

Catalog No.: TP06965

100µg

### Sequence Information

**Species:** Human

**Gene ID:**4321

**Swiss Prot:**P39900

**Synonyms:**HME;ME;MME;MMP-12

**Residues:**Ala290-Gly469

AVTTVGNKIFFFKDRFFWLKVSERPKTSVNLISLWPTLPSGIEAAAYEIEARNQ

VFLFKDDKYWLISNLRPEPNYPKSIHSFGFPNFVKKIDAAVFNPRFYRTYFFVD

NQYWRYDERRQMDPGYPKLITKNFQGIGPKIDAVFYSKNKYYYYFFQGSNQFEY

DFLLQRITKTLKSNWFG

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Secreted, Extracellular matrix

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 9.6

**Predicted Molecular Mass:** 22.9kDa

**Accurate Molecular Mass:** 23kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**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

