



Recombinant Mouse MMP17

Protein Product Manual

1. Product Basic Information

Product No.: REP07474

Protein Name: Mt-Mmp Matrix Metalloproteinase 17 (MMP17)

Aliases: MMP-17; MT4MMP; MTMMP4; MT4-MMP; MT-MMP matrix metalloproteinase 17; matrix metalloproteinase-17; matrix metalloproteinase 17 (membrane-inserted); matrix metalloproteinase 17 (membrane-inserted)

UniProt ID: Q9ULZ9

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9ULZ9/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (125-558aa)

Molecular Weight: 56.7 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (125-558aa)

QTPPPTKWSKRNLNLSWRVTFPRDSPLGRDTRALMYALKVWSDITPLNFHEVAG
NAADIQIDFSKADHNDGYFPDGGTVAHAFFPGDHHTAGDTHFDDDEPWTFRSS
DAHGMDLFAVAVHEFGHAIGLSHVAAPSSIMQPYQGPVGDPLRYGLPYEDRVRV
WQLYGVRESVSPTAQLDTPEPEEPPLLPEPPNNRSSTPPQKDVPHRCTAHFDAVA
QIRGEAFFFKGKYFWRLTRDRHLVSLQPAQMHRFWRGLPLHLDSVDAVYERTSDH
KIVFFKGDRYWVFKDNNVEEGYPRPVSDFSLPPGGIDAVFSWAHNDRTYFFKDQLY
WRYDDHTRRMDPGYPAGPLWRGVPSMLDDAMRWSDGASYFFRGQEYWKVLD
GELEAAPGYPQSTARDWLVCGEPLADAEDVGPGPQGRSGAQDGLAVCSCTS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse MMP17 full length of mature protein protein (125-558aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. MMP17, also known as MMP-17 or MT4MMP or MTMMP4, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.