



Recombinant Human MMP25 Protein Product Manual

1. Product Basic Information

Product No.: REP07478

Protein Name: Mt-Mmp Leukolysin (MMP25)

Aliases: MMP20; MMPL1; MMP-25; MMP20A; MT6MMP; MTMMP6; MT-MMP6; MT6-MMP; MT-MMP leukolysin; matrix metalloproteinase 25; matrix metalloproteinase 20; matrix metalloproteinase-25; membrane-type matrix metallopro...

UniProt ID: Q9NPA2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NPA2/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (108-539aa)

Molecular Weight: 55.9

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

2. Amino Acid Sequence (108-539aa)

YALSGSVWKKRTLWVRVSFPQSSQLSQETVRVLMASYALMAWGMESGLTFHEVD
SPQQQEPDILIDFARAFHQDSYPFDGLGGTLAHAFPPGEHPISGDTHFDDEETWTF
GSKDGEGETDLFAVAVHEFGHALGLGHSSAPNSIMRPFYQGPVGDPDKYRLSQDDR
DGLQQLYGKAPQTPYDKPTRKPLAPPPQPPASPTHSPSFPIPDRCENFDIAINIRG
ETFFFKGPFWRLQPSGQLVSPRPARLHRFWEGLPAQVRVVQAAYARHRDGRILL
FSGPQFWVFQDRQLEGGARPLTELGLPPGEEVDAVFSWPQNGKTYLVRGRQYWR
YDEAAARPDPGYPRDLSLWEGAPPSPDDVTVSNAGDTYFFKGAHYWRFPKNSIKT
EPDAPQPMGPNWLDCPAPSSGPRAPRPPKATPVSETCDCQCELNQA

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

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 Human MMP25 full length of mature protein protein (108-539aa) 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. MMP25, also known as MMP20 or MMPL1 or MMP-25, 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.