

Recombinant Human MMP24

Protein Product Manual

1. Product Basic Information

Product No.: REP07477

Protein Name: Mt-Mmp Matrix Metalloproteinase 24 (MMP24)

Aliases: MMP25; MMP-24; MT5MMP; MTMMP5; MT-MMP5; MT5-MMP; MT-MMP matrix metalloproteinase 24; matrix metalloproteinase-24; membrane-type 5 matrix metalloproteinase; matrix metalloproteinase 24 (membrane-inserte...

UniProt ID: Q9Y5R2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y5R2/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (156-602)

Molecular Weight:

Protein Tag: Tag type will be determined during the manufacturing process. The tag type will be determined during production process. If you have specified tag type, please tell us and we will develop the specified tag preferentially.

2. Amino Acid Sequence (156-602)

YALTGQKWRQKHITYSIHNYTPKVGELDRKAIRQAFDVWQKVTPLTFFEEVPYHEIK
SDRKEADIMIFFASGFHGDSSPFDGEGGFLAHAYFPGPGIGGDTHFDSDEPWT LGN
ANHDGNDLFLVAVHELGHALGLEHSSDPSAIMAPFYQYMETHNFKLPQDDLQGIQK
IYGPPAEPLPTRPLPTLPVRRIHSPSERKHERQPRPPRPLGDRPSTPGTKPNICD
GNFNTVALFRGEMFVFKDRWFWRLRNNRVQEGYPMQIEQFWKGLPARIDAAYER
ADGRFVFFKGDKYWVFKEVTVEPGYPHSLGELGSCLPREGIDTALRWEPVGKTYF
FKGERYWRYSEERRATDPGYPKPITVWKGIPQAPQGAFISKEGYTYFYKGRDYW
KFDNQKLSVEPGYPRNLRDWMGCNQKEVERRKERRLPQDDVDIMVTINDVPGSV
NA

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)

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 Human MMP24 partial protein (156-602) expressed in Yeast. MMP24, also known as MMP25 or MMP-24 or MT5MMP, 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.