

Recombinant Human ADAM9 Protein Product Manual

1. Product Basic Information

Product No.: REP06047

Protein Name: Cellular Disintegrin-Related Protein (ADAM9)

Aliases: MCMP; MDC9; CORD9; Mltng; cellular disintegrin-related protein; ADAM metallopeptidase domain 9

UniProt ID: Q13443

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13443/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (29-413aa)

Molecular Weight: 44.8kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (29-413aa)

AARPGFQQTSHLSSYEIITPWRLTRERREAPRPYSKQVSYVIQAEGKEHIIHLERNK
DLLPEDFVVYTYNKEGTLTDHPNIQNHCHYRGYVEGVHNSSIALSDCFGLRGLLHL
ENASYGIEPLQNSSHFEHIIYRMDDVYKEPLKCGVSNKDIEKETAKDEEEEEPPSMTQ
LLRRRRRAVLQPQTRYVELFIVVDKERYDMMGRNQTAVREEMILLANYLDSMYIMLNIRI
VLVGLEIWTNGNLINIVGGAGDVLGNFVQWREKFLITRRRHDSAQLVLKKGFGGTA
GMAFVGTVCSSRHAGGINVFGQITVETFASIVAHELGHNLGMNHDDGRDCSCGAK
SCIMNSGASGSRNFSSCSAEDFEKLTLNKGGNCLLNIPKPDEAYS

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: Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4

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 ADAM9 partial protein (29-413aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ADAM9, also known as MCMP or MDC9 or CORD9, 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.