



Recombinant Human ADAMTS9 Protein Product Manual

1. Product Basic Information

Product No.: REP06056

Protein Name: Adam Metallopeptidase With Thrombospondin Type 1 Motif A Disintegrin And Metalloproteinase With Thrombospondin Motifs A Disintegrin-Like And Metalloprotease (Reprolysin Type) With Thrombospondin Type 1 Motif, 9 (ADAMTS9)

Aliases: ADAM metallopeptidase with thrombospondin type 1 motif A disintegrin and metalloproteinase with thrombospondin motifs a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type ...

UniProt ID: Q9P2N4

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9P2N4/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (293-643aa)

Molecular Weight: 46.8 kDa

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

2. Amino Acid Sequence (293-643aa)

RFVEVLVVADNRMVSYHGENLQHYILTLMSIVASIYKDPSIGNLINIVIVNLIVIHNEQD
GPSISFNAQTTLKNFCQWQHSKNSPGGIHHDTAVLLTRQDICRAHDKCDTLGLAEL
GTICDPYRSCSISEDSTGLSTAFTIAHELGHVFNMPHDDNNKCKEEGVKSPQHVMAP
TLNFYTNPWMWSKCSRKYITEFLDTGYGECLLNEPESRPYPLPVQLPGILYNVNKQ
CELIFGPSQVCPYMMQCRRLWCNNVNGVHKGCRQTQHTPWADGTECEPGKHCK
YGFCVPKEMDVPVTDGWSGWSWSPFGTCSRTC GGGIKTAIRECNRPEPKNGGKYC
VGRRMKFKSCNTEPCL

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).



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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 ADAMTS9 partial protein (293-643aa) 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. ADAMTS9, also known as ADAM metalloproteinase with thrombospondin type 1 motif A disintegrin and metalloproteinase with thrombospondin motifs a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 9, 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.