

Recombinant Mouse ADAMTS13 Protein Product Manual

1. Product Basic Information

Product No.: REP06050

Protein Name: Vwf-Cleaving Protease (ADAMTS13)

Aliases: VWFCP; C9orf8; vWF-CP; ADAM-TS13; ADAMTS-13; vWF-cleaving protease; von Willebrand factor-cleaving protease

UniProt ID: Q76LX8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q76LX8/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (904-1137aa)

Molecular Weight: 31.3 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (904-1137aa)

WTPLVGLCSISCGRGLKELYFLCMDSVLKMPVQEELCGLASKPPSRWEVCRARPC
PARWETQVLAPCPVTCGGGRVPLSVRCVQLDRGHPISVPHSKCSPVPKPGSFEDC
SPEPCPARWKVLSLGPCSASCGLGTATQMVACMQLDQGLHDNEVNETFCKALVRP
QASVPCLIADCAFRWHISAWTECSVSCGDGIQRRHDTCLGPQAQVPVPANFCQHL
PKPMTVRGCWAGPCA

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

5. Product Description

This product is a recombinant Mouse ADAMTS13 partial protein (904-1137aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ADAMTS13, also known as VWFCP or C9orf8 or vWF-CP, 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.