



Recombinant Human ADAM10 Protein Product Manual

1. Product Basic Information

Product No.: REP06043

Protein Name: Kuzbanian Protein Homolog (ADAM10)

Aliases: RAK; kuz; AD10; AD18; MADM; CD156c; CDw156; HsT18717; kuzbanian protein homolog; ADAM metallopeptidase domain 10; mammalian disintegrin-metalloprotease; a disintegrin and metalloprotease domain 10

UniProt ID: O14672

UniProt Link: <https://www.uniprot.org/uniprotkb/O14672/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (20-672aa)

Molecular Weight: 74.7 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (20-672aa)

QYGNPLNKYIRHYEGLSYNVDSLHQKHQRAKRAVSHEDQFLRLDFHAHGRHFNL
MKRDTSLSFDEFKSVTSNKVLDYDTSHIYTGHYGEESFSHGSVIDGRFEGFIQTR
GGTFYVEPAERYIKDRTLFPFHSVIYHEDDINYPHKYGPQGGCADHSVFERMRYQM
TGVEEVTQIPQEEHAANGPELLRKKRTTSAEKNTCQLYIQTDLFFKYYGTREAVIA
QISSHVKAIDTIYQTTDFSGIRNISFMVKRIRINTTADEKDPTNPFNIGVEKFLELN
SEQNHDDYCLAYVFTDRDFDDGVLGLAWVGAPSGSSGGICEKSKLYSDGKKKSLN
TGIITVQNYGSHVPPKVSHITFAHEVGHNFSGPHDSGTECTPGESKNLGQKENGNYI
MYARATSGDKLNNNKFSLSIRNISQVLEKKRNNCFVESGQPICGNGMVEQGEEC
DCGYSDQCKDECCFDANQPEGRKCKLKPGKQCSPSQGPCCTAQCAFKSKSEKCR
DDSDCAREGICNGFTALCPASDPKPNFTDCNRHTQVCINGQCAGSICEKYGLEECT
CASSDGKDDKELCHVCCMKMDPSTCASTGSVQWSRHFSGRTITLQPGSPCND
RGYCDVFMRCRLVDADGPLARLKKAIFSPELYENIAE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 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 ADAM10 partial protein (20-672aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ADAM10, also known as RAK or kuz or AD10, 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.