



Recombinant Mouse CMTR2 Protein Product Manual

1. Product Basic Information

Product No.: REP06495

Protein Name: Adrift Homolog (CMTR2)

Aliases: AFT; MTr2; HMTr2; FTSJD1; adrift homolog; protein adrift homolog

UniProt ID: Q8IYT2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8IYT2/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full length (1-767aa)

Molecular Weight: 90.0 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-767aa)

MSKRRKLPARQPACLETFSPLNDVSELFAKSFSYRKPLDNEWQLPAPTESFSCG
HLEFRALLDLKNSLNEVKNLLSDKLDEWHRHTAFTNKAGKIISHVKKAVNAELCTQ
AWCKFQEILCSFPLIPQEAFAQSGRLNSLHLCEAPGAFIASLNHYLKSHRFPCEWSW
VANSNPNPYHEANDNLRMITDDRLMANTLHCWYFGPDNTGDIMTLKYLTGLQDFLSG
MSPIHLVTADGSFDCQGNPGEQEALVSSLHYCEAVTALITLGDGGSFVLKMFTLFEH
CSVNLMYLLNCSFDQVHVFKPATSKAGNSEVYVVCLRYKGREAVQPILLSRMVLNF
GTEMTRKALFPHHVIPKSFLERHEECCTFFHRYQLETISENIRLFESMGTGEQERLN
NLRDCAVQYFMQKFQLKPLSRNHVLVKKSNIGCSMNTKWFGQRNKYFKTYNERK
MMETLSWKDKVAKGYFNSWAEHTVYHPGQNSLLEGTASSLEYQSWQVLEGGKKL
PKVKCSPFCDGEILKTLNEAIEKSLGEALSVDKVVSSKQQYRCCPVFSEESVLSSELL
RLTKCLPDEQGAEPSPVKCLLVGSPAVCDLQMPAPLEIQLVESVELTAFSCSLLHD
GDPAYQHLFLDCLLHSLRRLHRGDVMVLPILSCFTRFMAGLTFVLHGCFRFTFSCP
TSLEPLRTCAVLLCIGYQNLDPDAVFQFLQNVHDLLSKLLHPSAPRQILQFLPMEALLQ
GTLLDFLWDLNAAIAKRHLHLIIQGERDQAIGSLEL

3. Storage Buffer

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

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 Mouse CMTR2 full length protein (1-767aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CMTR2, also known as AFT or MTr2 or HMTr2, 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.