

Recombinant Human TRPC4AP Protein Product Manual

1. Product Basic Information

Product No.: REP08548

Protein Name: Trp4-Associated Protein (TRPC4AP)

Aliases: TRUSS; TRRP4AP; PPP1R158; C20orf188; TRP4-associated protein; trpc4-associated protein; protein phosphatase 1, regulatory subunit 158

UniProt ID: Q8TEL6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8TEL6/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-797aa)

Molecular Weight: 94.8 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-797aa)

AAAPVAAGSGAGRGRSAATVAAWGGWGGRRPRPGNILLQLRQGQLTGRGLVRAV
QFTETFLTERDKQSKWSGIPQLLLKLHTTSHLHSDFVECQNILKEISPLLSMEAMAFV
TEERKLTQETTYPNNTYIFDLFGGVDLLVEILMRPTISIRGQKLIKISDEMCKDCLSILYNT
CVCTEGVTKRLAEKNDFVIFLFTLMTSKKTFMQATLIEDILGVKKEMIRLDEVNLS
LVSNFDQQQLANFCRILAVTISEMDTGNDKHTLLAKNAQQKKSLSLGPAAEINQA
ALLSIPGFVERLCKLATRKVSESTGTASFLQEEWYTWLDNALVLDALMRVANEES
EHNQASIVFPPPGASEENGLPHTSARTQLPQSMKIMHEIMYKLEVLYVLCVLLMGR
QRNQVHRMIAEFKLIPLGLNNLFDKLIWRKHSASALVLHGHNQNCDCSPDITLKIQFLR
LLQSFSDHHENKYLLLNNQELNELSAISLKANIPVEEAVLNTDRSLVCDGKRGLLTRL
LQVMKKEPAESSFRFWQARAVESFLRGTTSYADQMFLKRGLEHILYCIDVSECK
SRDVLQSYFDLLGELMKFNVDFAKRFNKYINTDAKFQVFLKQINSSLVDSNMLVRCV
TSLDRFENQVDMKVAEVLSECRLLAYISQVPTQMSFLFRLINIIHVQTLTQENVSC
NTSLVILMLARRKERLPLYLRLLQRMEHSHKYPGFLNNFHNLLRFWQQHYLHKDK
DSTCLENSSCISFSYWKETVSILLNPDRQSPSALVSYIEEPYMDIDRDFTEE

3. Storage Buffer



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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 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 TRPC4AP full length of mature protein protein (2-797aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. TRPC4AP, also known as TRUSS or TRRP4AP or PPP1R158, 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.