



Recombinant Human CHM Protein Product Manual

1. Product Basic Information

Product No.: REP06454

Protein Name: Chm Rab Escort Protein (CHM)

Aliases: TCD; GGTA; REP-DXS540; HSD-32; CHM Rab escort protein

UniProt ID: P24386

UniProt Link: <https://www.uniprot.org/uniprotkb/P24386/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-653aa)

Molecular Weight: 77.5kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-653aa)

MADTLPSEFDVIVIGTGLPESIIAAACSRSGRRVLHVDSRSYYGGNWASFSGLLS
WLKEYQENSDIVSDSPVWQDQILENEEAIALSRKDKTIQHVEVFCYASQDLHEDVEE
AGALQKNHALVTSANSTEAADSAFLPTEDESLSTMSCMLTEQTPSSDPENALEVN
GAEVTGEKENHCDDKTCVPSTSAEDMSENVPIAEDTTEQPKKNRITYSQIIEGRRF
NIDLVSLLYSRGLLIDLLIKSNVSRYAEFKNITRILAFREGRVEQVPCSRADVFNKQ
LTMVEKRMLMKFLTFCMEYEKYPDEYKGYEEITFYEYLKTQKLTPLNLYIVMHSIAM
TSETASSTIDGLKATKNFLHCLGRYGNTPLFLPLYGQGELPQCFCRMCAVFGGIYCL
RHSVQCLVVDKESRKCKAIDQFGQRISEHFLVEDSYFPENMCSRVRQYRQISRAVLI
TDRSVLKTDSQQISILTVPAEPPGTFAVRVIELCSSTMTCMKGTYLVHLTCTSSKTA
REDLESVVQKLFVPYTEMEIENEQVEKPRILWALYFNMRDSSDISRSCYNLPSNVY
VCSGPDCLGNDNAVKQAETLFQEICPNEDFCPPPPNPEDIILDGDSLQPEASESS
AIPEANSETFKESTNLGNLEESSE

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 CHM full length protein (1-653aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CHM, also known as TCD or GGTA or REP-DXS540, 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.