

Datasheet for ABIN7555148
CHML Protein (AA 1-656) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CHML
Protein Characteristics:	AA 1-656
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHML protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CHML Protein expressed in mammalian cells.
Sequence:	MADNLPTEFD VVIIGTGLPE SILAAACRSR GQRVLHIDSR SYYGGNWASF SFGLLSWLK EYQQNDIGE ESTVWQDLI HETEEAITLR KKDETIQHTE AFCYASQDME DNVEEIGALQ KNPSLGVSNT FTEVLDSALP EESQLSYFNS DEMPAKHTQK SDTEISLEVT DVEESVEKEK YCGDKTCMHT VSDKDGDKDE SKSTVEDKAD EPIRNRITYS QIVKEGRRFN IDLVSKLLYS QGLLIDLLIK SDVSRVVEFK NVTRILAFRE GKVEQVPCSR ADVFNSKELT MVEKRMLMKF LTFCLEYEQH PDEYQAFRQC SFSEYLKTKK LTPNLQHFVL HSIAMTSESS CTTIDGLNAT KNFLQCLGRF GNTPFLLPLY GQGEIPQGFC RMCAVFGGIY CLRHKVQCFV VDKESGRCKA IIDHFGQRIN AKYFIVEDSY LSEETCSNVQ YKQISRAVLI TDQSILKTDL DQQTSILVLP PAEPGACAVR VTELCSSMT CMKDTYLVHL TCSSSKTARE DLESVVKKLF TPYTETEINE EELTKPRLW ALYFNMRDSS GISRSSYNGL PSNVVCSGP DCGLGNEHAV KQAETLFQEI FPTEEFPPPP PNPEDIIFDG DDKQPEAPGT NNVVMAKLES SEESKNLESP EKHLQN Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different

Product Details

complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CHML

Alternative Name: CHML ([CHML Products](#))

Background: Rab proteins geranylgeranyltransferase component A 2 (Choroideremia-like protein) (Rab escort protein 2) (REP-2),FUNCTION: Substrate-binding subunit (component A) of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than CHM in supporting prenylation of Rab3 family. {ECO:0000269|PubMed:12356470, ECO:0000269|PubMed:15186776, ECO:0000269|PubMed:8294464}.

Molecular Weight: 74.1 kDa

Target Details

UniProt: [P26374](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months