

Datasheet for ABIN7565147  
**CHM Protein (AA 1-665) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CHM
Protein Characteristics:	AA 1-665
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHM protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Chm Protein expressed in mammalian cells.
Sequence:	<p>MADNLPSDFD VIVIGTGLPE SIIAAACSRG GQRLHVDSR SYYGGNWASF SFSGLLSWLK  EYQENS DVVT ENSMWQEQL ENEEAILLSS KDKTIQHVEV FCYASQDLHK DVEEAGALQK  NPASVMSAQA TEAAEAAEAA EATEAAEAAE AAEAACLPTA EESLSTRSCE LPAEQSQCMG  PESSPQVNDA EVGEKETQSD AKSSTEQSSE ILPKVQDNTE TPKRNVITYS QIIKEGRRFN  IDLVSKLLYS RGLLIDLLIK SNVSRYAEFK NITRILAFRE GTVEQVPCSR ADVFNSKQLT  MVEKRMLMKF LTFCVEYEDH PDEYKAYEET TFSEYLKTQK LTPNLQYFVL HSIAMTSETT  SSTVDGLKAT KKFLQCLGRY GNTPLFLPLY GQGELPQCFC RMCVFGGIY CLRHSVQCLV  VDKESRKCKA IVDQFGQR II SKHFVIEDSY LSENTCSGVQ YRQISRAVLI TDGSVLKPDS  DQQVSILTVP AEESGSFAVR VIELCSSTMT CMKGTYLVLH TCMSSKTARE DLERVVQKLF  TPYTEIEAEN EQVEKPRILW ALYFNMRDSS DISRDCYN DL PSNVYVCSGP DCNLGNDNAV  QQAEIVFQKI CPNEDFC PAP PNPEDIILDG DSSQQEVSES SVIPETNSET PKESTVLGDS EEPSE</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the</b></p>

## Product Details

**expression system, a different 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	CHM
Alternative Name:	Chm ( <a href="#">CHM Products</a> )
Background:	<p>Rab proteins geranylgeranyltransferase component A 1 (Choroideremia protein homolog) (Rab escort protein 1) (REP-1);FUNCTION: Substrate-binding subunit of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B composed of RABGGTA and RABGGTB, and remains bound to it after the geranylgeranyl transfer reaction. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Besides, a pre-formed complex consisting of CHM and the Rab GGTase dimer (RGGT or component B) can bind to and prenylate Rab proteins, this alternative pathway is proposed to be the predominant pathway for Rab protein geranylgeranylation (By similarity). {ECO:0000250}.</p>

## Target Details

Molecular Weight:	74.0 kDa
UniProt:	<a href="#">Q9QXG2</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## 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