

Datasheet for ABIN7557687  
**CCL17 Protein (AA 1-741) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCL17
Protein Characteristics:	AA 1-741
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL17 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Abcd2 Protein expressed in mammalian cells.
Sequence:	MIHMLNAAAY RVKWTRSGAA KRAACLVA AAA YALKTLYP II GKRLKQPGHR KAKAEAYSPA ENREILHCTE IICKKPAPGL NAAFFKQLLE LRKILFPKLV TTETGWLCLH SVALISRTFL SIYVAGLDGK IVKSIVEKKP RTFIIKLIKW LMIAIPATFV NSAIRYLECK LALAFRTRLV DHAYETYFAN QTYKVINMD GRLANPDQSL TEDIMMFSQS VAHLYSNLTK PILDVILTSY TLIRTATSRG ASPIGPTLLA GLVYATAKV LKACSPKFGS LVAEEAHRKG YLRYVHSRII ANVEEIAFYR GHKVEMKQLQ KCYKALAYQM NLILSKRLWY IMIEQFLMKY VWSSCGLIMV APIITATGF ADGDLEDGPK QAMVSDRTEA FTTARNLLAS GADAIERIMS SYKEITELAG YTARVYNMFW VFDEVKRGYI KRTVTQEPEN HSKRGGNLEL PLSDTLAIKG TVIDVDHGII CENVPIITPA GEVVASRLNF KVEEGMHLLI TGPNGCGKSS LFRILSGLWP VYEGVLYKPP PQHMFYIPQR PYMSLGSLRD QVIYPSADD MREKGYTDQD LERILHSVHL YHIVQREGGW DAVMDWKDVL SGGEKQRMGM ARMFYHKPKY ALLDECTSAV SIDVEGKIFQ AAIGAGISLL SITHRPSLWK YHTHLLQFDG EGGWRFELD TAIRLTLSEE KQKLESQLAG IPKMQRRLNE LCKILGEDSV

## Product Details

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LKTIQTAEKT S **Sequence without tag. The proposed Purification-Tag is based on experiences with the 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:** 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

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**Target:** CCL17

**Alternative Name:** Abcd2 ([CCL17 Products](#))

**Background:** ATP-binding cassette sub-family D member 2 (EC 3.1.2.-) (EC 7.6.2.-) (Adrenoleukodystrophy-related protein),FUNCTION: ATP-dependent transporter of the ATP-binding cassette (ABC) family involved in the transport of very long chain fatty acid (VLCFA)-CoA from the cytosol to the peroxisome lumen (By similarity). Like ABCD1 seems to have fatty acyl-CoA thioesterase (ACOT) and ATPase activities, according to this model, VLCFA-CoA as free VLCFA is transported in an ATP-dependent manner into peroxisomes after the hydrolysis of VLCFA-CoA mediated by the ACOT activity of ABCD2 (By similarity). Shows overlapping substrate specificities with ABCD1 toward saturated fatty acids (FA) and monounsaturated FA (MUFA) but has a distinct

## Target Details

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substrate preference for shorter VLCFA (C22:0) and polyunsaturated fatty acid (PUFA) such as C22:6-CoA and C24:6-CoA (in vitro) (By similarity). Thus, may play a role in regulation of VLCFAs and energy metabolism namely, in the degradation and biosynthesis of fatty acids by beta-oxidation (PubMed:18854420, PubMed:16223892). {ECO:0000250|UniProtKB:P33897, ECO:0000250|UniProtKB:Q9UBJ2, ECO:0000269|PubMed:16223892, ECO:0000269|PubMed:18854420}.

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Molecular Weight: 83.5 kDa

UniProt: [Q61285](#)

## Application Details

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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

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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