Datasheet for ABIN7551735

CCL17 Protein (AA 1-740) (His tag)

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Overview

Quantity:	1 mg
Target:	CCL17
Protein Characteristics:	AA 1-740
Origin:	Human
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:	MTHMLNAAAD RVKWTRSSAA KRAACLVAAA YALKTLYPII GKRLKQSGHG KKKAAAYPAA ENTEILHCTE TICEKPSPGV NADFFKQLLE LRKILFPKLV TTETGWLCLH SVALISRTFL SIYVAGLDGK IVKSIVEKKP RTFIIKLIKW LMIAIPATFV NSAIRYLECK LALAFRTRLV DHAYETYFTN QTYYKVINMD GRLANPDQSL TEDIMMFSQS VAHLYSNLTK PILDVMLTSY TLIQTATSRG ASPIGPTLLA GLVVYATAKV LKACSPKFGK LVAEEAHRKG YLRYVHSRII ANVEEIAFYR GHKVEMKQLQ KSYKALADQM NLILSKRLWY IMIEQFLMKY VWSSSGLIMV AIPIITATGF ADGEDGQKQV MVSERTEAFT TARNLLASGA DAIERIMSSY KEVTELAGYT ARVYNMFWVF DEVKRGIYKR TAVIQESESH SKNGAKVELP LSDTLAIKGK VIDVDHGIIC ENVPIITPAG EVVASRLNFK VEEGMHLLIT GPNGCGKSSL FRILSGLWPV YEGVLYKPPP QHMFYIPQRP YMSLGSLRDQ VIYPDSVDDM HDKGYTDQDL ERILHNVHLY HIVQREGGWD AVMDWKDVLS GGEKQRMGMA RMFYHKPKYA LLDECTSAVS IDVEGKIFQA AKGAGISLLS ITHRPSLWKY HTHLLQFDGE GGWRFEQLDT AIRLTLSEEK QKLESQLAGI PKMQQRLNEL CKILGEDSVL

Product Details

	KTIKNEDETS **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

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-like 1) (Adrenoleukodystrophy-related protein) (hALDR),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 (PubMed:21145416, PubMed:29397936). Like ABCD1 seems to have fatty acyl-CoA thioesterase (ACOT) and ATPase activities, according to this model, VLCFA-CoA as free VLCFA is transpoted in an ATP-dependent manner into peroxisomes after the hydrolysis of VLCFA-CoA mediated by the ACOT activity of ABCD2 (Probable) (PubMed:29397936). Shows overlapping substrate specificities

Target Details

	with ABCD1 toward saturated fatty acids (FA) and monounsaturated FA (MUFA) but has a distinct substrate preference for shorter VLCFA (C22:0) and polyunsaturated fatty acid (PUFA) such as C22:6-CoA and C24:6-CoA (in vitro) (PubMed:21145416). 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:21145416). {ECO:0000269|PubMed:21145416, ECO:0000269|PubMed:29397936, ECO:0000305|PubMed:16946495}.
Molecular Weight:	83.2 kDa
UniProt:	Q9UBJ2

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

