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Datasheet for ABIN7557572
ACBD5 Protein (AA 1-508) (His tag)

Overview

Quantity:	1 mg
Target:	ACBD5
Protein Characteristics:	AA 1-508
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACBD5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Acbd5 Protein expressed in mammalian cells.
Sequence:	MLFLAFHAGS WGSWCCCCCV ITADRPWDRG RRWQLEMADT PSVYETRFEA AVKVIQSLPK NGSFQPTNEM MLKFYSFYKQ ATEGPCKLSR PGFWDPIGRY KWDAWSSLGD MTKKEAMIAY VEEMKKIET MPMTEKVEEL LHVIGPFYEI VEDKSSKSS DLTSDLGNVL TSSNAKAVNG KAESSDSGAE SEEEEAQEEL KGAEQSGSDD KKTLKKSADK NLEIIVTNGY KGSFVQDIQS DIHTDSSRST RSEDEKPGD ESSQQTGHTI VCAHQDRNED PSEDASGIHH LTSDSDSEVY CDSMEQFGQE EYLLGGDPTQ HLESSGFCD AQQSPGNCSI GKMWMVAVKG KGEVKHGGED GRSSSGAPHR ETRGGESDF SSVRRGRGNR IPHLSEGPKG RQVGS GG DGE RWGSDRGRSG SLNEQIALVL IRLQEDMQNV LQRLHKLETL TASQAKLSLQ TSNQPSSQRP AWWPFEMSPG ALAFAIWPWF IAQWLAHLYY QRRRRKLN 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

Product Details

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:

ACBD5

Alternative Name:

Acbd5 ([ACBD5 Products](#))

Background:

Acyl-CoA-binding domain-containing protein 5,FUNCTION: Acyl-CoA binding protein which acts as the peroxisome receptor for pexophagy but is dispensable for aggrephagy and nonselective autophagy. Binds medium- and long-chain acyl-CoA esters (By similarity). {ECO:0000250}.

Molecular Weight:

56.6 kDa

UniProt:

[Q5XG73](#)

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