

Datasheet for ABIN7553110
CDADC1 Protein (AA 1-514) (His tag)



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Overview

Quantity:	1 mg
Target:	CDADC1
Protein Characteristics:	AA 1-514
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDADC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CDADC1 Protein expressed in mammalian cells.
Sequence:	<p>MKEAGQMQLN ESARAGRSVS TQTGSMTGQI PRLSKVNLFT LLSLWMELFP AEAQRQKSQK NEEGKHGPLG DNEERTRVST DKRQVKRTGL VVVKNMKIVG LHCSSDLHA GQIALIKHGS RLKNCDLYFS RKPCSACLKM IVNAGVNRIS YWPADPEISL LTEASSEDA KLDKAVERL KSNSRAHVCV LLQPLVCYMV QFVEETSYKC DFIQKITKTL PDANTDFYFE CKQERIKEYE MLFLVSNEEM HKQILMTIGL ENLCENPYFS NLRQNMKDLI LLLATVASSV PNFKHFGFYR SNPEQINEIH NQSLPQEIAR HCMVQARLLA YRTEDHKTGV GAVIWAEGKS RSCDGTGAMY FVGCGYNAFP VGSEYADFPH MDDKQKDREI RKFRIIIHAE QNALTFRQCQ IKPEERSMIF VTKPCDECV PLIKGAGIKQ IYAGDVDVGK KKADISYMRG GELEGVSKFT WQLNPSGAYG LEQNEPERRE NGVLRPVPQK EEQHQQDKLRL LGIH 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.</p>

Product Details

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">• 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). <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:	CDADC1
Alternative Name:	CDADC1 (CDADC1 Products)
Background:	Cytidine and dCMP deaminase domain-containing protein 1 (EC 3.5.4.5) (Cytidine deaminase) (Testis development protein NYD-SP15),FUNCTION: Catalyzes the deamination of cytidine and deoxycytidine into uridine and deoxyuridine, respectively (PubMed:26945630). May play an important role in testicular development and spermatogenesis (PubMed:16955368). {ECO:0000269 PubMed:16955368, ECO:0000269 PubMed:26945630}.
Molecular Weight:	58.5 kDa
UniProt:	Q9BWV3

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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