

Datasheet for ABIN7558763
CDADC1 Protein (AA 1-523) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | CDADC1 |
| Protein Characteristics: | AA 1-523 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CDADC1 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant Cdadcl Protein expressed in mammalian cells. |
| Sequence: | <p>MKETDQMQL EGSGAERSVG TQTGSMTGQI PRLSKVNLFT LLSLWMELFP GVEAQGQKSQ</p> <p>KTEESRGPL GDNEELTRVS TEKKQVKKTG LVVVKNMKII GLHCSSDLH TGQIALIKHG</p> <p>SRLKNCDLYF SRKPCSACLK MIVNAGVNRI SYWPSDPEIS LLTEASSSED AKLDAKAAER</p> <p>LKSNSRAHVC VLLQPLVCYM VQFVEETSYK CDFIQKTAKA LPGADTDFYS ECKQERIKEY</p> <p>EMLFLVSNEE RHKQILMTIG LESLCEDPYF SNLRQNMKDL ILLLATVASS VPNLKHFGFY</p> <p>CSSPEQINEI HNQLSPQEVA RHCMVQARLL AYRTEDHKTG VGAVIWAEAK SRSCDGTGAM</p> <p>YFIGCGYNAF PVGSEYADFP HMDDKHKDRE IRKFRYIIHA EQNALTFRQC DIKPEERSMI</p> <p>FVTKCPCDEC VPLIKGAGIK QIYAGDVDVG KKKADISYMK FGELEGVRKF TWQLNPSEAY</p> <p>SLDPNEPERR ENGLVRRRSA KDEQRSSKRP RLETRSAGRA TLQ 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

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| 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

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| Target: | CDADC1 |
| Alternative Name: | Cdadc1 (CDADC1 Products) |
| Background: | Cytidine and dCMP deaminase domain-containing protein 1 (EC 3.5.4.5) (Cytidine deaminase),FUNCTION: Catalyzes the deamination of cytidine and deoxycytidine into uridine and deoxyuridine, respectively. May play an important role in testicular development and spermatogenesis. {ECO:0000250 UniProtKB:Q9BWW3}. |
| Molecular Weight: | 59.1 kDa |
| UniProt: | Q8BMD5 |

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. |
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Application Details

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 |