

Datasheet for ABIN7551925

## ADAD1 Protein (AA 1-576) (His tag)



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### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | ADAD1  |
| Protein Characteristics:      | AA 1-576                                     |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This ADAD1 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)        |

### Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinat ADAD1 Protein expressed in mammalian cells.  |
| Sequence: | <p>MASNNHWFQS SQVPSFAQML KKNLPVQPAT KTITTPTGWS SESYGLSKMA SKVTQVTGNF</p> <p>PEPLLSKNLS SISNPVLPPK KIPKEFIMKY KRGEINPVSA LHQFAQMQRV QLCLKETVTT</p> <p>GNVMGPYFAF CAVVDGIQYK TGLGQNKES RSNAAKLALD ELLQLDEPEP RILETSGPPP</p> <p>FPAEPVVLSE LAYVSKVHYE GRHIQYAKIS QIVKERFNQL ISNRSEYLYK SSSLAAFIIE</p> <p>RAGQHEVVAI GTGEYNYSQD IKPDGRVLHD THAVVTARRS LLRYFYRQLL LFYSKNPAMM</p> <p>EKSIFCTEPT SNLLTLKQNI NICLYMNQLP KGSAQIKSQL RLNPHSISAF EANEELCLHV</p> <p>AVEGKIYLTV YCPKDGVNRI SSMSSSDKLT RWEVLGVQGA LLSHFIQPVY ISSILIGDGN</p> <p>CSDTRGLEIA IKQRVDDALT SKLPMFYLVN RPHISLVPSA YPLQMNLEYK FLNLSNWAQGD</p> <p>VSLEIVDGLS GKITESSPFK SGMSMASRLC KAAMLSRFNL LAKEAKKELL EAGTYHAAKC</p> <p>MSASYQEAKC KLKSYLQQHG YGSWIVKSPC IEQFNM <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> |

**of the protein could make another tag necessary. In case you have a special request, please contact us.**

|                  |   |
|------------------|---|
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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, Western Blot   |
| Grade:           | custom-made   |

Target Details

|                   |   |
|-------------------|---|
| Target:           | ADAD1   |
| Alternative Name: | ADAD1 ( <a href="#">ADAD1 Products</a> )  |
| Background:       | Adenosine deaminase domain-containing protein 1 (Testis nuclear RNA-binding protein),FUNCTION: Required for male fertility and normal male germ cell differentiation (By similarity). Plays a role in spermatogenesis (By similarity). Binds to RNA but not to DNA (By similarity). {ECO:0000250 UniProtKB:Q5SUE7}. |
| Molecular Weight: | 64.4 kDa  |
| UniProt:          | <a href="#">Q96M93</a>  |

Application Details

|                    |  |
|--------------------|--|
| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a |
|--------------------|--|

Application Details

|               |                       |
|---------------|-----------------------|
|               | 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  |