

Datasheet for ABIN7556831

ANP32E Protein (AA 1-260) (His tag)



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Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ANP32E |
| Protein Characteristics: | AA 1-260 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ANP32E protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat Anp32e Protein expressed in mammalien cells. |
| Sequence: | <p>MEMKKKINME LKNRAPEEVT ELVLDNCLCV NGEIEGLNDT FKELEFLSMA NVELSSLARL</p> <p>PSLNKLRKLE LSDNIISGGL EVLAEKCPNL TYLNLSGNKI KDLSTVEALQ NLKNLKSDDL</p> <p>FNCEITNLED YRESIFELLQ QITYLDGFDQ EDNEAPDSEE EDDDDDEDGDE DEEDEDEDEA</p> <p>GPPEGYEEEE DDEDEEAGSE VGEGEEEVGL SYLMKDEIQD EDDDDDYVDE GEEEEEEEEEE</p> <p>GLRGEKRKRD AEDDGEEDDD 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> |
| 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 mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and |

Product Details

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, Western Blot

Grade: custom-made

Target Details

Target: ANP32E

Alternative Name: Anp32e ([ANP32E Products](#))

Background: Acidic leucine-rich nuclear phosphoprotein 32 family member E (Cerebellar postnatal development protein 1) (LANP-like protein) (LANP-L),FUNCTION: Histone chaperone that specifically mediates the genome-wide removal of histone H2A.Z/H2AZ1 from the nucleosome: removes H2A.Z/H2AZ1 from its normal sites of deposition, especially from enhancer and insulator regions. Not involved in deposition of H2A.Z/H2AZ1 in the nucleosome. May stabilize the evicted H2A.Z/H2AZ1-H2B dimer, thus shifting the equilibrium towards dissociation and the off-chromatin state (PubMed:24463511). Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis. {ECO:0000269|PubMed:11430900, ECO:0000269|PubMed:14964690, ECO:0000269|PubMed:16420440, ECO:0000269|PubMed:24463511}.

Molecular Weight: 29.6 kDa

UniProt: [P97822](#)

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

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| | guarantee though. |
| 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 |