

Datasheet for ABIN7555739

GTF3C4 Protein (AA 1-822) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | GTF3C4 |
| Protein Characteristics: | AA 1-822 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GTF3C4 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat GTF3C4 Protein expressed in mammalian cells. |
| Sequence: | <p>MNTADQARVG PADDGPAPSG EEEGEGGGEA GGKEPAADAA PGPSAAFRLM VTRREPAVKL</p> <p>QYAVSGLEPL AWSEDHRVSV STARSIAVLE LICDVHNPQG DLVIHRTSVP APLNSCLLKV</p> <p>GSKTEVAECK EKFAASKDPT VSQTFMLDRV FNPEGKALPP MRGFKYTSWS PMGCDANGRC</p> <p>LLAALTMDNR LTIQANLNRL QWVQLVDLTE IYGERLYETS YRLSKNEAPE GNLGDAEFQ</p> <p>RRHSMQTPVR MEWSGICTTQ QVKHNNNECRD VGSVLLAVLF ENGNIAVWQF QLPFVGKESI</p> <p>SSCNTIESGI TSPSVLFWWE YEHNNRKMMSG LIVGSAFGPI KILPVNLKAV KGYFTLRQPV</p> <p>ILWKEMDQLP VHSIKCVPLY HPYQKCSCSL VVAARGSYVF WCLLLISKAG LNVHNSHVTG</p> <p>LHSLPIVSMT ADKQNGTVYT CSSDGKVRQL IPIFTDVALK FEHQLIKLSD VFGSVRTHGI</p> <p>AVSPCGAYLA IITTEGMING LHPVNKNYQV QFVTLKTFEE AAAQLLESSV QNLFKQVDLI</p> <p>DLVRWKILKD KHIPQLQEA LEKKIESSGV TYFWRFKLFL LRILYQSMQK TPSEALWKPT</p> <p>HEDSKILLVD SPGMGNADDE QQEEGTSSKQ VVKQGLQERS KEGDVEEPTD DSLPTTGDAG</p> |

GREPMEEKLL EIQKGIEAVE MHLTREHMKR VLGEVYLHTW ITENTSIPTR GLCNFLMSDE
EYDDRTARVL IGHISKMMNK QTFPEHCSLC KEILPFTDRK QAVCSNGHIW LRCFLTYQSC
QSLIYRRCLL HDSIARHPAP EDPDWIKRLL QSPCPFCDSP VF **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.**

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| 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> |
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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
| Grade: | custom-made |

Target Details

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| Target: | GTF3C4 |
| Alternative Name: | GTF3C4 (GTF3C4 Products) |
| Background: | General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (TF3C-delta) (Transcription factor IIIC 90 kDa subunit) (TFIIIC 90 kDa subunit) (TFIIIC90) (Transcription factor IIIC subunit delta),FUNCTION: Essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin. Has histone acetyltransferase activity (HAT) with unique specificity for free and nucleosomal H3. May cooperate with GTF3C5 in facilitating the recruitment of TFIIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F. May be |

Target Details

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| | localized close to the A box. |
| Molecular Weight: | 92.0 kDa |
| UniProt: | Q9UKN8 |

Application Details

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| 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 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 |