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Datasheet for ABIN7557605
ATF3 Protein (AA 1-181) (His tag)

Overview

Quantity:	1 mg
Target:	ATF3
Protein Characteristics:	AA 1-181
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATF3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atf3 Protein expressed in mammalian cells.
Sequence:	MMLQHPGQVS ASEVSATAIV PCLSPPGSLV FEDFANLTPF VKEELRFAIQ NKHLCHRMSS ALESVTVNNR PLEMSVTKSE AAPEEDERKR RRRERNKIAA AKCRNKKKEK TECLQKESEK LESVNAELKA QIEELKNEKQ HLIYMLNLHR PTCIVRAQNG RTPEDERNLF IQQIKEGTLQ S 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.
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:	Key Benefits: <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

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	ATF3
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Alternative Name:	Atf3 (ATF3 Products)
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Background:	Cyclic AMP-dependent transcription factor ATF-3 (cAMP-dependent transcription factor ATF-3) (Activating transcription factor 3) (Transcription factor LRG-21),FUNCTION: This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters (PubMed:11916968). Represses transcription from promoters with ATF sites (PubMed:11916968). It may repress transcription by stabilizing the binding of inhibitory cofactors at the promoter (By similarity). {ECO:0000250 UniProtKB:P18847, ECO:0000269 PubMed:11916968}.
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Molecular Weight:	20.7 kDa
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UniProt:	Q60765
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Pathways:	Myometrial Relaxation and Contraction , ER-Nucleus Signaling , Unfolded Protein Response
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Application Details

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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Restrictions:	For Research Use only
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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