

Datasheet for ABIN7560905

## CREB3L4 Protein (AA 1-370) (His tag)



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### Overview

Quantity:	1 mg
Target:	CREB3L4
Protein Characteristics:	AA 1-370
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CREB3L4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Creb3l4 Protein expressed in mammalian cells.
Sequence:	<p>MELGCPELLE PPEDIFSTGS FLELGFNPGA SKVPVTRGLQ KSEPDDLNL FIDPNMIHCS</p> <p>ETSPGRDSGV SEDPGSPAQQ ASSSPALYEV VYDSGTLQGT QREAGPTFGL ISIQIDQWTP</p> <p>ALMVPDACTV SGLPSDSHRH ILPRVSTRAP APPAAMPSCQ HHLFLTDEEK QLLAQEGITL</p> <p>PSHLPLTKAE ERILKKIRRK IRNKQSAQDS RRRKKEYLDG LESRVAACSE QNQLQRKVQ</p> <p>ELERQNIFLM EQVRQLQKLT AQTSSRAAQT STCVLILLFS LALIILPSFS PFQGQSEARP</p> <p>EDYQLHGVIS RNILTHENVT ENLESPVLKS KLEELPEAPT TNGSTKTHLK MRVKARPPGQ</p> <p>IRGMVHTDEM <b>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.</b></p>
Characteristics:	Key Benefits:

## Product Details

- 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).

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
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Grade:	custom-made
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## Target Details

Target:	CREB3L4
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Alternative Name:	Creb3l4 ( <a href="#">CREB3L4 Products</a> )
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Background:	<p>Cyclic AMP-responsive element-binding protein 3-like protein 4 (cAMP-responsive element-binding protein 3-like protein 4) (Attaching to CRE-like 1) (ATCE1) (Acre1) (Transcript induced in spermiogenesis protein 40) (Tisp40) (mJAL) [Cleaved into: Processed cyclic AMP-responsive element-binding protein 3-like protein 4],FUNCTION: Transcriptional activator that may play a role in the unfolded protein response of the testis. Proposed to be involved in spermiogenesis. May be involved in regulating the maturation of sperm head nuclei. Alternatively proposed to be a paternally delivered transcription factor that may function in early zygotic gene activation. Increases the binding of CREM isoform Tau with CRE. The CREM isoform Tau-CREB3L4 heterodimer functions through CRE but not through UPRE and may recruit HIRA to CRE to regulate histone exchange. {ECO:0000269 PubMed:16107712, ECO:0000269 PubMed:16595651, ECO:0000269 PubMed:16925989, ECO:0000269 PubMed:16999736}.</p>
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Molecular Weight:	41.0 kDa
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UniProt:	<a href="#">Q9D2A5</a>
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## Target Details

Pathways: [Thyroid Hormone Synthesis](#)

## 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 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