

Datasheet for ABIN7546724
CREB5 Protein (AA 1-508) (His tag)



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Overview

Quantity:	1 mg
Target:	CREB5
Protein Characteristics:	AA 1-508
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CREB5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CREB5 Protein expressed in mammalian cells.
Sequence:	MIYEESKMNL EQERPFVCSA PGCSQRFPTD DHLMIHRHKH EMTLKFPSIK TDNMLSDQTP TPTRFLKNCE EVGLFSELDL SLEHEFRKAQ EEESKRNIS MHNAVGGAMT GPGTHQLSSA RLPNHDTNVV IQQAMPSPQS SSVITQAPST NRQIGPVPGS LSSLLHLHNR QRQPMPASMP GTLNPNTMPG SSAVLMPMER QMSVNSSIMG MQGPNLSNPC ASPQVQPMHS EAKMRLKAAL THHPAAMSNG NMNTMGHMME MMGSRQDQTP HHHMHSHPHQ HQTLPHPHPY PHQHQAHAH PHPQPHHQH HPHHHSHSHL HAHPAHHQTS PHPPLHTGNQ AQVSPATQQM QPTQTIQPPQ PTGGRRRRRV DEDPDERRRK FLERNRAAAT RCRQKRKVWV MSLEKKADEL TQTNMLQNE VSMLKNEVAQ LKQLLLTHKD CPITAMQKES QGYLSPESP PASPVPACSQ QQVIQHNTIT TSSSVSEVVG SSTLSQLTTH RTDLNPIL 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

Product Details

contact us.

Characteristics:

Key Benefits:

- 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

Grade:

custom-made

Target Details

Target:

CREB5

Alternative Name:

CREB5 ([CREB5 Products](#))

Background:

Cyclic AMP-responsive element-binding protein 5 (CREB-5) (cAMP-responsive element-binding protein 5) (cAMP-response element-binding protein A) (CRE-BPa),FUNCTION: Binds to the cAMP response element and activates transcription. {ECO:0000269|PubMed:8378084}.

Molecular Weight:

56.9 kDa

UniProt:

[Q02930](#)

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

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