

Datasheet for ABIN7553533

CAMTA2 Protein (AA 1-1202) (His tag)[Go to Product page](#)

Overview

Quantity: 1 mg

Target: CAMTA2

Protein Characteristics: AA 1-1202

Origin: Human

Source: HEK-293 Cells

Protein Type: Recombinant

Purification tag / Conjugate: This CAMTA2 protein is labelled with His tag.

Product Details

Purpose: Custom-made recombinant CAMTA2 Protein expressed in mammalian cells.

Sequence: MNTKDTTEVA ENSHHLKIFL PKKLECLPR CPLPPERLR WNTNEEIASY LITFEKHDEW
LSCAPKTRPQ NGSIIYLRK KVKYRKDGYL WKKRKDGKTT REDHMCLKVQ GMECLYGCYV
HSSIVPTFHR RCYWLLQNPDI VLVHYLNVP ALEDCGKGCSPIFCSISSDR REWLKWSREE
LLGQLKPMFH GIKWSCNGT EEFVSEHLVQ QILDTHPTKP APRTHACLCS GGLGSGSLTH
KCSSTKHRII SPKVEPRALT LTSIPHAHPP EPPPLIAPLP PELPKAHTSP SSSSSSSSSG
FAEPLAIRPS PPTSRRGGSSR GGTAILLLTG LEQRAGGLTP TRHLAPQADP RPSMSLAVV
GTEPSAPPAP PSPAFDPDRF LNSPQRGQTY GGGQGVSPDF PEAEAAHTPC SALEPAAALE
PQAAARGPPP QSVAGRRGN CFFIQDDDSG EELKGHGAAP PIPSPSPSP PSPAPLEPSS
RVGRGEALFG GPVGASELEP FSLSSFPDLM GELISDEAPS IPAPTQLSP ALSTITDFSP
EWSYPEGGVK VLITGPWTEA AEHYSCVFDH IAVPASLVQP GVLRCYCPAH EVGLVSLQVA
GREGPLSASV LFEYRARRFL SLPSTQLDWL SLDDNQFRMS ILERLEQMEK RMAEIAAAGQ
VPCQGPDAPP VQDEGQPGF EARVVVLVES MIPRSTWKGP ERLAHGSPFR GMSLLHLAAA

Product Details

QGYARLIETL SQWRSVETGS LDLEQEVDP L NVDHFSCTPL MWACALGHLE AAVLLFRWNR
QALSIPDSLG RLPLSVAHSR GHVRLARCLE ELQRQEPSVE PPFALSPPSS SPDTGLSSVS
SPSELSDGTF SVTSAYSSAP DGSPPPAPLP ASEMTEMEDMA PGQLSSGVPE APLLLMDYEA
TNSKGPLSSL PALPPASDDG AAPEDADSPQ AVDVIPVDMI SLAKQIIEAT PERIKREDFV
GLPEAGASMR ERTGAVGLSE TMSWLASYLE NVDHFPSSTP PSELPFERGR LAVPSAPSWA
EFLSASTSGK MESDFALLTL SDHEQRELYE AARVIQTAFR KYKGRRLKEQ QEVAAAVIQR
CYRKYKQLTW IALKFALYKK MTQAAILIQS KFRSYYEQKR FQQSRAAVL IQQHYSYRR
RPGPPHRTSA TLPARNKGSF LTKKQDQAAR KIMRFLRRCR HRMRELKQNQ ELEGLPQPGL AT

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:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CAMTA2

Alternative Name: CAMTA2 ([CAMTA2 Products](#))

Target Details

Background:	Calmodulin-binding transcription activator 2,FUNCTION: Transcription activator. May act as tumor suppressor. {ECO:0000269 PubMed:11925432}.
Molecular Weight:	131.5 kDa
UniProt:	O94983

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.
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