

Datasheet for ABIN7564293  
**CAMTA2 Protein (AA 1-1208) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CAMTA2
Protein Characteristics:	AA 1-1208
Origin:	Mouse
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 GMEPVSWQCL YGCYVHSSIV PTFHRCYWL LQNPDIVLVH YLNPVALEDC GKGCSPIFCS ISSDRREWLK WSREELGQL KPMFHGIKWS CGNGAEFFSV EQLVQQILDT HPTKPAPRTH ACLCSGGLGS GSLTHKCSST KHRIISPKVE PRALALASIS HSKPPEPPPL IAPLPPELPK AHTSPSSSSS SSSSSGFAEP LEIRPSPTS RGGSSRGTA ILLLTGLEQR AGGLTPTRHL APQAEPRPPV SLAVVVGSEP SAPPAPSPA FDPDRFLNSP QRGQTYGGGQ GVNPDPPEAE GTHTPCPALE PAAALEPQAA ARGLAPQLGA NGRRGNKFFI QDDDSGEELK GPQTVPPVPS SPPSSPSPT ALPPSGRATR GEALFGGSAG SSSELEPFSL SSFPDLMGEL ISDEAGVPA PAPQLSPALN AITDFSPEWS YPEGGVKVLITGPWTEAAEH YSCVFDHIAV PASLVQPGVL RCYCPAHEVG LVSLQVAGRE GPLSASVLFYRARRFLSLP STQLDWLSLD DSQFRMSILE RLEQMEKRMA EIAAAGQAPG QGPEAPPIQD EGQGGPFEAR VVVLVESMIP RSTWRGPERL IHGSPFRGMS

## Product Details

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LLHLAAQGY ARLIETLSQW RSVETGSLDL EQEVDPLNVD HFSCTPLMWA CALGHLEAAV  
LLFCWNRQAL SIPDSLGRLP LSVAHSRGHV RLARCLEELQ RQELSVEHPL ALSPPSSSPD  
TGLSSASSPS ELSDGTFSVT SAYSSAPDGS PPPAPPLASD ISMEMIPGQL SCGAPETPLL  
LMDYEATNSK EPAPSPCGPP LAQDNGAPE DADSPPAVDV IPVDMISLAK QIIDATPERI  
KREDFSEFPD AGASPREHTG TVGLSETMSW LASYLENVDH FPSSAPPSSEL PFERGRLAIP  
PAPSWAEFLS ASTSGKMESD FALLTLDSDHE QRELYEAARV IQTAFRKYKG RRLKEQQEVA  
AAVIQRCYRK YKQLTWIALK FALYKKMTQA AILIQSKFRS YQEQRKFQQS RRAAVLIQQH  
YRSYRRRPGP PHRPSGPLPA RNKGTFLTKK QDQAARKIMR FLRRCRHRMR ELKQNQELEG  
LPQPGLAT **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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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: CAMTA2

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Alternative Name: Camta2 ([CAMTA2 Products](#))

## Target Details

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Background:	Calmodulin-binding transcription activator 2,FUNCTION: Transcription activator. May act as tumor suppressor (By similarity). {ECO:0000250}.
Molecular Weight:	132.0 kDa
UniProt:	<a href="#">Q80Y50</a>

## Application Details

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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

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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