

Datasheet for ABIN7548703

CAMK1G Protein (AA 1-476) (His tag)



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Overview

Quantity:	1 mg
Target:	CAMK1G
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMK1G protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CAMK1G Protein expressed in mammalian cells.
Sequence:	MGRKEEDDCS SWKKQTTNIR KTFIFMEVLG SGAFSEVFLV KQRLTGKLFA LKCIKKSPAF RDSSLENEIA VLKKIKHENI VTLEDIYEST THYYLVMQLV SGGELFDRIL ERGVYTEKDA SLVIQQVLSA VKYLHENGIV HRDLKPENLL YLTPEENSKI MITDFGLSKM EQNGIMSTAC GTPGYVAPEV LAQKPYSKAV DCWSIGVITY ILLCGYPPFY EETESKLFEK IKEGYEFES PFWDDISESA KDFICHLLEK DPNERYTCEK ALSHPWIDGN TALHRDIYPS VSLQIQKNFA KSKWRQAFNA AAVVHHMRKL HMNLHSPGVR PEVENRPPET QASSETSRPSS PEITITEAPV LDHSVALPAL TQLPCQHGR RPTAPGGRSLN CLVNGSLHIS SSLVPMHQGS LAAGPCGCCS SCLNIGSKGK SSYCSEPTLL KKANKKQNFK SEVMVPVKAS GSSHCRAGQT GVCLIM 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.

Product Details

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).
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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:	CAMK1G
Alternative Name:	CAMK1G (CAMK1G Products)
Background:	Calcium/calmodulin-dependent protein kinase type 1G (EC 2.7.11.17) (CaM kinase I gamma) (CaM kinase IG) (CaM-KI gamma) (CaMKI gamma) (CaMKIG) (CaMK-like CREB kinase III) (CLICK III),FUNCTION: Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates transcription factor CREB1 (By similarity). {ECO:0000250}.
Molecular Weight:	53.1 kDa
UniProt:	Q96NX5

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.
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Application Details

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