

Datasheet for ABIN7546607

CAMK2N2 Protein (AA 1-79) (Fc Tag)



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Overview

Quantity:	1 mg
Target:	CAMK2N2
Protein Characteristics:	AA 1-79
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMK2N2 protein is labelled with Fc Tag.

Product Details

Purpose:	Custom-made recombinant CAMK2N2 Protein expressed in mammalian cells.
Sequence:	MSEILPYSED KMGRFGADPE GSDLSFSCRL QDTNSFFAGN QAKRPPKLGQ IGRAKRVVIE DDRIDDVLKG MGEKPPSGV 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).

Product Details

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:	CAMK2N2
Alternative Name:	CAMK2N2 (CAMK2N2 Products)
Background:	Calcium/calmodulin-dependent protein kinase II inhibitor 2 (CaM-KII inhibitory protein) (CaM-KIIN),FUNCTION: Potent and specific cellular inhibitor of CaM-kinase II (CAMK2) (PubMed:11444830). Traps Ca(2+)/calmodulin on CAMK2 (By similarity). {ECO:0000250 UniProtKB:Q9Z2N6, ECO:0000269 PubMed:11444830}.
Molecular Weight:	8.7 kDa
UniProt:	Q96S95

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.

Handling

Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months