

Datasheet for ABIN7557172
PDE4C Protein (AA 1-686) (His tag)



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Overview

Quantity:	1 mg
Target:	PDE4C
Protein Characteristics:	AA 1-686
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDE4C protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pde4c Protein expressed in mammalian cells.
Sequence:	MRRSGTALSF LWTERVREPV DSGVAPVSPL GGGVILRRFS GTLLLPPLSS RLGSSGEAES AAHVVF TIGT QGTQRNLGSA QSSF DLENGL PGGKGLLDAQ SGPSLGRALQ PPVHHVQRRE SFLYRSDSDH EPSPKAVSRT SSAASDLHGE DMIVTPFAQV LASLRTVRNN VAALAHGPGS ATRQVLLGTP PHSSQQAAPT EDSGLQLVQE TLEELDWCLE QLETLQTRRS VGEMASNKFK RMLNRELSYL SETSRSGNQV SEYISQTFD QQAEEVLPQP PTEDDPWPMA QITELRRSSH TSLPTAAIPR FGVQTDQEEQ LAKELED TNK WGLDVF KVAE LSGNRPLTAV IFSVFQERDL LKTFQIPADT LLAYLLTLEG HYHSDVAYHN SMHAADVVS AHVLLGTPAL EAVFTDLEVL AAIFACAIHD VDHPGVS NQF LINTNSELAL MYNDSSVLEN HHLAVGFKLL QGENCDIFRN LSTKQRLSLR RMVIDMVLAT DMSKHMSLLA DLKTMVETKK VTSLGVLLLD NYSDRIQVLQ SLVHCADLSN PAKPLPLYRQ WTERIMAEFF QQGDRERESG LDISPMCDKH TASMEKSQVG FIDYIAQPLW ETWADLVHPD AQELLD TLED NREWYQSRIP CSPPHTMGSD RFKFELTLEE

AEDEEEEEDE GQCTALNRES SELPST **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.**

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, Western Blot
Grade:	custom-made

Target Details

Target:	PDE4C
Alternative Name:	Pde4c (PDE4C Products)
Background:	3',5'-cyclic-AMP phosphodiesterase 4C (EC 3.1.4.53) (cAMP-specific phosphodiesterase 4C),FUNCTION: Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. {ECO:0000250 UniProtKB:Q08493}.
Molecular Weight:	76.1 kDa
UniProt:	Q3UEI1
Pathways:	Negative Regulation of Hormone Secretion, cAMP Metabolic Process

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.

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