

Datasheet for ABIN7564626

PRKD3 Protein (AA 1-889) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PRKD3
Protein Characteristics:	AA 1-889
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKD3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Prkd3 Protein expressed in mammalian cells.
Sequence:	<p>MSANNSPPSA QKSVFPATVS AVLPAVSPCS SPKTGLSARL SNGSFSAPSL TNSRGSVHTV</p> <p>SFLQIGLTR ESVTIEAQEL SLSAVKDLVC SIVYQKFPEC GFFGMYDKIL LFRHDMNSEN</p> <p>ILQLITSADE IHEGDLVEVV LSALATVEDF QIRPHALYVH SYKAPTFCDY CGEMLWGLVR</p> <p>QGLKCEGCGL NYHKRCAFKI PNNCSGVRKR RLSNVSLPGP GLSVPRPLQP ECVPLLSEES</p> <p>HTHQEPSKRI PSWSGRPIWM EKMVMCRVKV PHTFAVHSYG RPTICQYCKR LLKGLFRQGM</p> <p>QCKDCKFNCH KRCASKVPRD CLGEVTFNGE PCSVGTADM PMDIDSSDVN SDGSRGLDDDS</p> <p>EEPSPPEDKM FFLDPTDLV ERDEETVKTI SPSTSNNIPL MRVVQSIKHT KRSSTVVKE</p> <p>GWMVHYTSRD NLRKRHYWRL DSKCLTLFQN ESGSKYYKEI PLSEILRVSS PQDFTSISQG</p> <p>SNPHCFEIT DTVVYFVGEN NGSSSHNPVL AATGVGLDVA QSWEKAIRQA LMPVTPQASV</p> <p>CTSPGQGDH NLATSISVSN CQVQENVDIS SVYQIFADEV LGSGQFGIVY GSKHRKTGRD</p> <p>VAIKVIDKMR FPTKQESQLR NEVAILQNLH HPGIVNLECM FETPERVFVV MEKLHGDMLE</p>

MILSSEKSRL PERITKFMVT QILVALRNLH FKNIVHCDLK PENVLLASAE PFPQVKLCDF
GFARIIGEKS FRRSVVGTPA YLAPEVLRSK GYNRSLDMWS VGVIVYVSLG GTFPFNEDED
INDQIQNAAF MYPPNPWREI SSEAIDLINN LLQVKMRKRY SVDKSLSHPW LQDYQTWLDL
REFETRIGER YITHESDDAR WEIHAYTHNL EYPKHFIMAP NPDDMEEDP **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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PRKD3

Alternative Name:

Prkd3 ([PRKD3 Products](#))

Background:

Serine/threonine-protein kinase D3 (EC 2.7.11.13) (Protein kinase C nu type) (nPKC-nu),FUNCTION: Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress (By similarity). {ECO:0000250}.

Molecular Weight:

100.1 kDa

Target Details

UniProt: [Q8K1Y2](#)

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