

Datasheet for ABIN7554393  
**PRKD3 Protein (AA 1-890) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PRKD3
Protein Characteristics:	AA 1-890
Origin:	Human
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 QKSVLPTAIP AVLPAASPCS SPKTGLSARL SNGSFSAPSL TNSRGSVHTV</p> <p>SFLQLIGLTR ESVTIEAQEL SLSAVKDLVC SIVYQKFPEC GFFGMYDKIL LFRHDMNSEN</p> <p>ILQLITSADE IHEGDLVEVV LSALATVEDF QIRPHTLYVH SYKAPTFCDY CGEMLWGLVR</p> <p>QGLKCEGCGL NYHKRCAFKI PNNCSGVRKR RLSNVSLPGP GLSVPRPLQP EYVALPSEES</p> <p>HVHQEPSKRI PSWSGRPIWM EKMVMCRVKV PHTFAVHSYT RPTICQYCKR LLKGLFRQGM</p> <p>QCKDCKFNCH KRCASKVPRD CLGEVTFNGE PSSLGTDTDI PMDIDNNDIN SDSSRGLDDT</p> <p>EEPSPPEDKM FFLDPSDLDV ERDEEAVKTI SPSTSNNIPL MRVVQSIKHT KRKSSTMVKE</p> <p>GWMVHYTSRD NLRKRHYWRL DSKCLTLFQN ESGSKYYKEI PLSEILRISS PRDFTNISQG</p> <p>SNPHCFEIT DTMVYFVGEN NGDSSHNPVL AATGVGLDVA QSWEKAIRQA LMPVTPQASV</p> <p>CTSPGQGKDH KDLSTSISVS NCQIQENVDI STVYQIFADE VLGSGQFGIV YGGKHKRTGR</p> <p>DVAIKVIDKM RFPTKQESQL RNEVAILQNL HHPGIVNLEC MFETPERVFFV VMEKLHGDML</p>

EMILSSEKSR LPERITKFMV TQILVALRNL HFKNIVHCDL KPENVLLASA EPFPQVKLCD  
FGFARIIGEK SFRRSVVGTP AYLAPEVLRS KGYNRSLDMW SVGVIIYVSL SGTFPFNEDE  
DINDQIQNAA FMYPPNPWRE ISGEAIDLIN NLLQVKMRKR YSVDKSLSHP WLQDYQTWLD  
LREFETRIGE RYITHESDDA RWEIHAYTHN LVYPKHFIMA PNPDDMEEDP **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) (Protein kinase EPK2) (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:

100.5 kDa

## Target Details

---

UniProt: [O94806](#)

## 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