

Datasheet for ABIN7561831
DOK3 Protein (AA 1-444) (His tag)



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Overview

Quantity:	1 mg
Target:	DOK3
Protein Characteristics:	AA 1-444
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOK3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dok3 Protein expressed in mammalian cells.
Sequence:	MESVEPPVKD GILYQQHVKF GKKCWRKVWA LLYAGGPSGV ARLESWDVRD GGLGPAGDRS TGPSRRGERR VIRLADCVSV LPADGESCP R DTGAFLITT ERSHELLAAQH RQSWDPICQ LAFPGTGECS SGSGQAESPK RGFVPMEE NS IYSSWQEVTE FPVIVQRTEA TSRCQLKGPY LLVLGQDDIQ LRETSKPQAC FSWPYRFLRK YGSDKGVFSF EAGRRCDSGE GLFAFSSPRA PDICGVVAAA IARQRERLPE LAMSPPCPLP RALSLPSLEP PGELREVAPG FELPTPRKLP LTDPGPQSLP LLLSPTQEGP ASGLYASVCK QTSKHTGTAE HLYENVCMLE ASPGLTNGGP EAQEGPPGGR SPLGSPYHN TEDLSWPGSA QDSNLEAQYR RLLELELDEA GSAGRSGAQA GIKAKLVTLT TRERKKGPAP CDRP 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.

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).

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:

DOK3

Alternative Name:

Dok3 ([DOK3 Products](#))

Background:

Docking protein 3 (Downstream of tyrosine kinase 3) (p62(dok)-like protein) (DOK-L),FUNCTION: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL1 function. {ECO:0000269|PubMed:14993273}.

Molecular Weight:

48.0 kDa

UniProt:

[Q9QZK7](#)

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